TAPR PropNET APRS Mailing List Archive, January 1999 through December 2000

January 1999 through December 2000

TAPR's forum for using APRS stations and beacon networks to study radio propagation, including automated observations, path measurements, station configuration, mapping, data collection, software, antennas, band openings, and experimental network design.

This volume contains 24 original monthly files and 1,439 messages, arranged chronologically. The PDF is a readable access copy: MIME transfer encodings are decoded, HTML bodies are converted to plain text, and non-text attachments are represented by descriptive notes. The raw source text is supplied separately with the Internet Archive item.

Month	Messages	Original source file
1999-01	5	propnet.9901
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January 1999

Original source file: propnet.9901
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9901

1. Welcome to TAPR PROPNET

```
From: Lyris <lyris@lists.tapr.org>
Date: Sun, 24 Jan 1999 22:50:05 -0600
To: lyris.propnet@tapr.org
Message-ID: <LYR1548-418-1999.01.24-22.50.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
**********************************************************************
*                PLEASE SAVE THIS WELCOME MESSAGE!                   *
**********************************************************************


_____________________________________
_________/    ____/    _/_____/ _/_____/
   _/     _/       _/ _/     _/ _/     _/
  _/     _/_____/_/ _/_____/ _/_____/
 _/     _/       _/ _/        _/    _/
_/     _/      _/ _/        _/     _/
_____________________________________

Welcome to the TAPR PropNet APRS(r) Mail List

The purpose of the propnet APRS list is to provide a forum for folks
interested
in discussing propagation stuides using APRS.

The propnet APRS list has a few simple rules:

1)  Stick to the subject (propnet). That means no virus alerts, no
chocolate
    chip cookie recipes, no surplus gear fire sales, no nothing that isn't
    directly related to propnet.

2)  No abusive behavior demonstrated towards a list member will be
    tolerated on the propnet. Please take your flames elsewhere.

3)  I reserve the right to unsubscribe any list member who violates these
    rules without warning. That means one strike and you're out of here.


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To post messages to the propnet list, send email to:

        propnet@lists.tapr.org


To unsubscribe from this mailing list, surf to:

   http://www.tapr.org/cgi-bin/lyris.pl?enter=propnet

or send email to:

   lyris@lists.tapr.org

with the following line in the body of the message:

   unsub propnet


The host of this list is:

   Tucson Amateur Packet Radio (TAPR)
   tapr@tapr.org
   http://www.tapr.org
   8987-309 E Tanque Verde Rd. #337, Tucson, AZ 85749-9399,
   phone 940-383-0000, fax 940-566-2544


------------------------------------------------------------------------


Just so that you have all the commands neatly contained in one place,
```

here is just about everything you will need to know. Note that this list
is running on a Lyris server. Please be aware that the commands might be
different from those that you are used to using on other list servers.
(For more information on Lyris, see <http://www.lyris.com/>.)

1. First of all, almost everything that you might need to do on the
   server is most easily and effectively performed via Lyris's Web
   interface at <http://www.tapr.org/cgi-bin/lyris.pl>.

2. In case you do not have Web access, here are some key commands; in all
   cases, the default server address is: <lyris@lists.tapr.org>. Other
   addresses are shown where appropriate. Note that commands may be placed
   in either the subject line or in the body of the message:

```
               SUBSCRIBING:
                 subscribe propnet your_name
                 join propnet your_name
                 alternate address: join-propnet@lists.tapr.org

               UNSUBSCRIBING:
                 unsubscribe propnet
                 leave propnet
                 alternate address: leave-propnet@lists.tapr.org

               SETTING MEMBERSHIP TO DIGEST MODE:
                 set propnet digest

               SETTING MEMBERSHIP TO INDEX MODE:
                 set propnet index

               SETTING MEMBERSHIP TO DISCUSSION MODE:
                 set propnet mail

               TEMPORARILY SUSPENDING MAIL FROM THE LIST:
                 set propnet nomail

               RESUMING MAIL FROM THE LIST:
         (command depends on your preferred mode)
                 set propnet mail
                 set propnet digest
                 set propnet index

               ACKNOWLEDGMENT:
                 set propnet ack
                   (sends you a confirmation message when your posts are sent)
                 set propnet noack
                   (no confirmation message when posts are distributed)

               RECEIVING COPIES OF YOUR OWN POSTS:
                 set propnet repro
                   (receive copies of your own posts)
                 set propnet norepro
                   (do not receive copies of your own posts)

               SETTING YOUR PASSWORD:
                 set propnet pw=mypassword
                   (where "mypassword" is the password you wish to set)

               DETERMINING YOUR MEMBERSHIP SETTINGS:
                 query propnet

               RETRIEVING THE CURRENT VERSION OF THIS DOCUMENT:
                 get propnet hello

               MORE INFORMATION ON LYRIS'S COMMANDS:
                 help

               POSTING TO THE LIST:
                 You must be a subscriber to post messages. Sending
                 mail to this address will distribute it to all the members of the
                 mailing list:  propnet@lists.tapr.org
```

3. CHANGING YOUR SETTINGS/ADDRESS VIA THE WEB INTERFACE: To do this, go
   to <http://www.tapr.org/cgi-bin/lyris.pl> and click the link in the
   "Change Your Settings" section. You'll need to enter your e-mail

address and password (if you chose one) to continue.

(If you've forgotten your password, you can type in your e-mail address
 in the field at the bottom of the page and click "Get password" to
 request Lyris to e-mail your password to you.)

At the following page, you can read messages, post a message, adjust
your settings, or unsubscribe. From the settings page, you can change
your status (MAIL, DIGEST, INDEX, or NOMAIL), choose whether or not to
see your own messages, and choose whether or not you want to receive a
separate acknowledgement via e-mail when one of your messages is posted
to the list, You can also change your e-mail address if you need to.
When you change your settings, make sure you click the "Save" button at
the bottom of the page.

4. ARCHIVES: The propnet SIG archives are available on the Web, at the
   following URL: <http://www.tapr.org/sigf.html>

5. BOUNCED MAIL: One of the key features of Lyris is its ability to handle
   mail bounces transparently to the list owner; as such, bounced mail
   will be handled primarily by the Lyris list server.

6. POSTS/REPLIES FROM DIGEST USERS: You *must* change the Subject: line
   when replying to a digest; all posts with "propnet DIGEST" in the
   Subject: line will be rejected by the server (you will receive a
   "rejection letter" when this happens).

APRS(r) is registered to Bob Bruninga, WB4APR.

2. [propnet] WNY Digital Meeting ??

From: "Syd. Chiswell" <w2icz@buffnet.net>
Date: Mon, 25 Jan 1999 9:50:20
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-639-1999.01.25-09.50.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Group,
         With our own list server service, I am looking to see if there are
others on this list ?? Also we have a Packet meeting coming up in Feb. in
Amherst NY. hope some of the Propnet group show up ??...73 Syd W2ICZ

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Re: WNY Digital Meeting ??

From: K7LU@qsl.net (Scott E. Parker)
Date: Mon, 25 Jan 1999 15:32:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-738-1999.01.25-14.32.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the subject of "[propnet] WNY Digital Meeting ??", you said...
>Hi Group,
>   With our own list server service, I am looking to see if there are
>others on this list ?? Also we have a Packet meeting coming up in Feb. in
>Amherst NY. hope some of the Propnet group show up ??...73 Syd W2ICZ

No, Syd, you are not alone here. Could you provide more specifics on the
meeting? (Especially the exact date.) 73, -SEP

+=+
 Scott E. Parker   K7LU   K7LU@qsl.net   http://www.qsl.net/k7lu

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: WNY Digital Meeting ??

From: PropNET <PropNET@greeceny.com>
Date: Tue, 26 Jan 1999 15:53:15 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-1307-1999.01.26-14.54.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Syd!
Pass along the details of the meeting (date/time/place). I'll be there...along
with my PropNET tracker, beaconing my position along the way. :o)
-= Ev, W2EV =-

"Syd. Chiswell" wrote:

> Hi Group,
> With our own list server service, I am looking to see if there are
> others on this list ?? Also we have a Packet meeting coming up in Feb. in
> Amherst NY. hope some of the Propnet group show up ??...73 Syd W2ICZ
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
If you hear APRS on 53.530-MHz the band is OPEN
to Western New York (FN03) -or- Long Island (FN30)
PropNET uses APRS to study 6-meter band openings!
Check out the tutorial on the Project:PropNET site:
http://www.greeceny.com/propnet

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Gate Way up

From: "Charles L. Alfano" <calfano@worldnet.att.net>
Date: Tue, 26 Jan 1999 16:07:40 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-1308-1999.01.26-15.06.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To all on the sig I have got my KPC9612+12 Gating from 2 meter to 6
meters.
I use the alias of GATE6 so as to not interfere with HF gateways... See
U
On 6 from The Island of Long

73
Charlie

--
[Attachment: calfano.vcf; text/x-vcard; 208 bytes]
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,294 bytes]

February 1999

Original source file: propnet.9902
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9902

1. [propnet] PropNET & WinAPRS

From: PropNET <PropNET@greeceny.com>
Date: Sun, 14 Feb 1999 17:41:00 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-5365-1999.02.14-16.43.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
It seems as though there is interest in enhancing WinAPRS to provide
several features that are important for PropNET use.  I recently
supplied the below list to the authors as a sort-of wish-list of
enhancements that would make things easier on us 6-meter experimenters.
Just FYI.
-= Ev, W2EV =-

0. There appears to be some problem with WinAPRS' ability to use the
   (T)race command.  Although it works much of the time, there appears
   to be instances when it doesn't, even though valid posits have been
   received.  This is more of a "suspected bug" report than a request
   for "PropNET Enhancement".
1. Ability to launch [FM19BG] -type posits (it already interprets them
   correctly)
2. Ability to launch and decode SYMxy[z]
3. Ability to time/date stamp posits in the .log-file
4. A Playback "engine" which includes a variable-speed chronograph to
   playback .log files
5. The ability to route traffic between TNC's on two different serial
   ports and [important->] be able to know from which TNC the data
   originated.  It would be nice to route packets from 2-meters to 6-
   meters, but not if there is no way to know that the icon originated
   on one band or the other.  If I see a new icon within a couple of km
   of my station, it is important to know that it is either on my band
   or another band, before I pull my hair out trying to figure out why
   it appears on my map, but I can't hear it direct. :o)
6. A "PropNET" menu-item with the following menu-choices and
sub-choices:

   PropNET
          Class > Hub                    Note 1
                  Peer                   Note 2
                  Client                 Note 3
                  Lurker                 Note 4
          Mode  > Normal                 Note 5
                  Meteor                 Note 6
                  Inventory              Note 7
          Alarm > DirectDX > Off         Note 8
                             100-km
                             200-km
                             400-km
                             600-km
                  DigiDX   > Off         Note 9
                             200-km
                             400-km
                             800-km
                            1200-km
Note 1: Only valid for KPC TNC's.  When this is selected, WinAPRS
        would look for a text-file called: HUB.CFG and load whatever
        TNC parameters are found there.  A typical HUB.CFG is below:
              CD SOFTWARE
              CMSG DISC
              CTEXT Hub Class PropNET station only
              HEADERLN OFF
              HID ON
              MCOM OFF
              MHEADER ON
              MRESP OFF
              MXMIT OFF
              UNPROTO CQ VIA HOP5-5
              UIDIGI OFF NONE
              UIDWAIT OFF
              UIFLOOD OFF
              UITRACE HOP,30
Note 2: Only valid for KPC TNC's.  When this is selected, WinAPRS
        would look for a text-file called: PEER.CFG and load whatever
```

TNC parameters are found there. A typical PEER.CFG is below:
      [same parameters as HUB with the following differences]
      SLOTTIME 20
The idea is to give Hub-class stations a "priority" use of the channel. This command will force Peer-class stations to wait their turn to transmit. Otherwise, everything else is the same.

Note 3: Valid for any TNC *other* than the KPC models. WinAPRS would look for a text-file called: CLIENT.CFG and load whatever TNC parameters are found there. Little development has been done on Client-class TNC's, because they offer little in the way of adding to the network (they can't digipeat HOPn-n packets...all they can do is launch packets into the network).
Note 4: Lurker is a new thought. In effect, it is a receive-only user. Again, little development has gone into this class so far.
Note 5: "Normal" mode would launch frames that look like this:
W2AAA-6>CQ,HOP5-5:[FN03XD]message text here
at an interval of once every n-minutes as defined in the setup.
Note 6: "Meteor" mode would launch frames that look like this:
W2AAA-6>CQ,HOP1-1:[FN03XD]
Notice the absence of any message text, but the inclusion of the HOP1-1 unproto path? Having no messagetext will lower channel-utilization, and the HOP1-1 will allow the DX station to QSL the receipt of a meteor-packet. Additionally, this posit will be sent every 10-seconds. It would be nice for "Meteor Mode" to include a participation timer that would allow you to set your system to enter "Meteor Mode" on a specific DATE/TIME, automatically logging posits to a disk file. Then setting another DATE/TIME when it would exit "Meteor Mode" and resume "Normal" operations.
Note 7: "Inventory" mode would put the PropNET station into a mode of interrogating its listening area for all active PropNET stations.
This differs from a simple .log file, in that it is of DIRECT stations only, and logs the following information:
Date, Time, Callsign, Location, QSL?
The QSL? flag would be set to "Y" only if both TNC's "QSL" receipt of information from each other (verifying that the circuit is two-way, and not a fluke or "busted" call).
Note 8: Alarm Mode > DirectDX allows you to set an alarm to sound if a *directly* received posit originates from beyond the noted distance.
Note 9: Alarm Mode > HopDX allows you to set an alarm to sound if a *digipeated* received posit originates from beyond the noted distance.

March 1999

Original source file: propnet.9903
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9903

1. [propnet] uWAVE APRS

From: PropNET <PropNET@greeceny.com>
Date: Thu, 04 Mar 1999 10:09:39 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-8891-1999.03.04-09.12.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We, along the US's North Coast (the Great Lakes) who have been playing
with the "real" frontier of the RF spectrum (wavelengths of 3cm and
below) have noticed something that is referred to as a Vapor Inversion
on overwater paths during the late summer and early falltime. We think
that it has something to do with the fact that the waters over the Great
Lakes are relatively calm, allowing such inversions to form more readily
than over their oceanic counterparts.

To help test this hypothesis, we are activly scouting stations along
Canada's South Coast (the northern shores of Lake Ontario, for the sake
of this e-mail) to house 10-GHz WBFM beacons. Then it hit me...what a
great use for PropNET! (follow the link below if you don't know what
PropNET is) When the inversion forms, the packets would be propagated,
and station icons will appear. When the path is not open, the screen
stays blank. Could it get any easier? (PropNET uses this principle for
plotting band openings on 6-meters)

Here's the rub...on 10- and 24-GHz, WBFM is full-duplex, like a
telephone (you can hear yourself on the RX side, too...just like a
telephone). Does anyone have any jewels of information that they could
share about duplex data transmissions and a feel as to how they could be
incorporated into use for APRS?

Even if you don't consider yourself an expert in full-duplex data
communications, I'd be interested to hear your input, before I go forth
and experiment.

Regards,
Ev, W2EV
--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Use Automatic Position Reporting System (APRS [tm])
software to plot band openings in near real-time!
To learn about PropNET: http://www.greeceny.com/propnet
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

April 1999

Original source file: propnet.9904
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9904

1. [propnet] PropNET Presentation Well Received

From: PropNET <PropNET@greeceny.com>
Date: Sat, 03 Apr 1999 14:00:37 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-13813-1999.04.03-13.04.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

PropNET was presented at the Rochester Amateur Radio Association's
meeting last night. Some 70 participants were present. There seems to
be a large interest in a system that allows real-world propagation
monitoring using all-ham means.

As an aside, I now have a Configuration Sheet for anyone who is
interested in using WinAPRS software for use on PropNET. It assumes
that you have a Kantronics KPC-3 TNC (the most commonly used TNC for
PropNET) and a 6-meter FM transceiver tuned to 53.530-MHz (the PropNET
channel). If anyone is interested in it, I can forward it to you as a
.PDF file (readable using Adobe Acrobat Reader).

At this time...in Western New York, the following stations are known to
be active on PropNET: W2ICZ (Buffalo-HUB), W2EV (Rochester-HUB and
PEER), KC2DMN (two-PEERs in Rochester).

Don't know what PropNET is? Check out the link below. There's a
tutorial you can follow.
Regards,
Ev, W2EV
--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Use Automatic Position Reporting System (APRS [tm])
software to plot band openings in near real-time!
To learn about PropNET: http://www.greeceny.com/propnet
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] WTD: Someone to develop a Posit-Player

From: PropNET <PropNET@greeceny.com>
Date: Sat, 17 Apr 1999 14:01:47 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-16522-1999.04.17-13.06.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

'Ya know what would be really cool?

Having the ability to use a .log file as input to software that will
replay (icons coming and going on a map) the file in real-time (1
minute's worth of posits play back in 1-minute), 60x (1-hour's worth of
posits play back in 1-minute) and 1440x (24-hours worth of posits play
back in 1-minute).

As PropNET matures (watch the pages of CQ and QST for articles this
year), this package would be *very* popular. Anyone interested?

Of course, it would also be necessary to support time/date stamps on
.log'd posit reports...but that can't be too tough to do, can it?
-= Ev, W2EV =-
--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
To learn about PropNET: http://www.greeceny.com/propnet
New site under development: http://www.RochesterNY.org/PropNET
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Interesting Find . . .

From: PropNET <PropNET@greeceny.com>
Date: Sat, 24 Apr 1999 11:10:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-17548-1999.04.24-10.17.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

DOSaprs users may ignore this message (as Bob tells me this is built-in
to his version)

WinAPRS users...
...have you wanted to Time/Date stamp your posits to analyze them
later? It seems as though you may do just that by manually invoking the
following TNC command (this is on the Kantronics KPC3...I've not tried
it on anything else, yet)...

MStamp ON

With this parameter "ON", any packets that you receive will include the
date and time that they were received. The Date and Time is
TNC-Date/Time, so you must make sure the TNC's clock is set correctly.
None of this information is transmitted over the air...this is an
RX-only thing. With this command invoked, you get the following (I use
the [GRIDSQ] posit format instead of lat/long):

W2EV-2>CQ,WX3P,WA2DQL-1*,WIDE [04/24/99 01:50:39]:[FN03XD] Experimental
TRACEn-n (ONLY) Digi - PropNET@greeceny.com

The "interesting find" part of this is that, if you save your RX'd
posits to a TXT-file, you can play it back using WinAPRS' File|Simulate
player without any problem at all. Now, for the "hook"...it doesn't
seem as though making a playback-only Posit-Player with a
dipsplay-chronograph should be that hard to make (wink, wink, nudge,
nudge).

This feature is critical to the success of charting propagational
anomolies (the whole idea of PropNET). Imagine having this invoked in
time for the August Persied meteor shower and being able to visually
determine the meteor peak, simply by watching icons come-come-and-go
while a chronometer displays the time on the screen. Imagine being able
to plot 6-meter band openings the same way! (lame, but necessary plug
for PropNET).

It would be interesting to find out if all flavors of APRS can process
this well, or if it's just WinAPRS.

Keep on tinkerin',
-= Ev, W2EV =-
--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
To learn about PropNET: http://www.greeceny.com/propnet
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

4. [propnet] Re: Interesting Find . . .

From: Earl Needham <kd5xb@amsat.org>
Date: Sat, 24 Apr 1999 10:15:39 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: PropNET@greeceny.com
Message-ID: <LYR1548-17551-1999.04.24-11.26.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/enriched

At 11:10 AM 4/24/99 -0400, PropNET wrote:

>>>>

<excerpt>DOSaprs users may ignore this message (as Bob tells me this is
built-in to his version)

WinAPRS users...

...have you wanted to Time/Date stamp your posits to analyze them later?
It seems as though you may do just that by manually invoking the
following TNC command (this is on the Kantronics KPC3...I've not tried it
on anything else, yet)...

MStamp ON

</excerpt><<<<<<<<

Ev, on 29 March I asked if this would work (on the APRSSIG), and I got
several answers that APRS would no longer read the packets if MCOM was
on. Through experimentation, I have found that WinAPRS will NOT read
packets properly if MSTAMP is on. :-(

BTW, I'm about to have a tracker together for 2 meters. As I also have
6 meters in the car, I was considering running the transmit over on 6 as
well. Both are 1200 BPS, aren't they?

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG

Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Re: Interesting Find . . .

From: PropNET <PropNET@greeceny.com>
Date: Sat, 24 Apr 1999 13:53:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org, aprssig@tapr.org
Message-ID: <LYR1548-17572-1999.04.24-12.58.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now I'm confused...but all that means is that I'm going to have to poke around a little more. :o)

> Ev, on 29 March I asked if this would work (on the APRSSIG), and I got several answers that APRS would
no longer read the packets if MCOM was on. Through experimentation, I have found that WinAPRS will NOT
read packets properly if MSTAMP is on. :-(

In all fairness...all I tested was WinAPRS' File|Simulate function. It *will* decode APRS frames with
MStamp data embedded in them. I used a terminal package to capture posits to a .TXT file, then opened
the .TXT file with WinAPRS' Simulate
function. It worked! So I'm scratching my head over the "simulator playing it OK, but the main-engine
can't"-thing. Well, I'll poke around a bit and see. I'll let you know what I find out.

I will start whacking away at turning MStamp ON and decoding live data this evening. If the information
that you got is correct, and it won't decode...then I need to make the authors aware of the need for
this function . . . a need that - if
incorporated (making xAPRS, PropNET compatible <g>) - will open up xAPRS use to a whole new facet of
users...VHF/UHF contesters (a soapbox that I've been on before, and won't revisit here -- for long
<smile>).

> BTW, I'm about to have a tracker together for 2 meters. As I also have 6 meters in the car, I was
considering running the transmit over on 6 as well. Both are 1200 BPS, aren't they?

Yes, both 1200. BTW...I've recently gotten word that PropNET has been officially coordinated on
53.530-MHz in Quebec and Northern New York (in addition to Ontario [Canada], Western New York and most
of 4-land [by SERA]. It's really starting to build
some excitement. Now if only the sun would let out a belch or two. :o)

See 'ya soon,
Ev, W2EV
--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
To learn about PropNET: http://www.greeceny.com/propnet
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] WinAPRS & Time/Date Stamping Posits

From: PropNET <PropNET@greeceny.com>
Date: Sat, 24 Apr 1999 20:39:10 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-17618-1999.04.24-19.44.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, here's what I've observed . . .

Change Settings|TNC Cmd4: from "cstamp off" to read "cstamp on"

What you get is this: only the posits that have "!" just before the
lat/long will display on the screen. As an added bonus, it appears as
though [GRIDSQ] type posits will display OK, too.
Posits with "=" or "_" don't display, but they still show up under
Display|Stations.

So...at first blush, it appears as though PropNET's use of [GRIDSQ] as a
position locator was a good choice, as it allows the use of CStamp ON to
document the date/time when a posit was heard, and allows one to use
WinAPRS to display posits graphically. I guess that makes WinAPRS the
"most PropNET compatible" version of APRS. ;-)

This study of the personality of APRS software and its' use for
propagation monitoring is a work-in-progress, in the truest sense.
Experimentation is fun, join in!

-= Ev, W2EV =-
--
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To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

May 1999

Original source file: propnet.9905
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9905

1. [propnet] Re: [aprssig] Guidance in record keeping

```
From: PropNET <PropNET@greeceny.com>
Date: Sat, 29 May 1999 07:49:36 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>,
        PropNET Listserve <propnet@tapr.org>
Message-ID: <LYR1548-23296-1999.05.29-06.57.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

Hi Tate,
Congratulations on your reception reports. There are a couple of things that I'd suggest that you do. First, check the path that the packets took. For instance, double-click on one of the 4-landers' icons and you'll see their position reports. If the word "GATE" appears anywhere, then the posits got to you though an HF gateway. If the word "TCPIP" appears anywhere in the UIPath, then the packets got to you through an IGate. If all you see is callsigns and/or generic aliases (RELAY,WIDE,TRACE, etc) then you got the positions directly.

I'm hoping that the last statement holds true for you. If it does hold true:

* Immediately capture your screen by maximizing your WinAPRS window and pressing Shift-Print Screen
* Open Microsoft Word/Works or any other easy to use wp program and Edit|Paste it
* Do the double-click thing on each of the icons in 4-land. When their window pops open, you can use your mouse to select the position reports, manually press Ctrl-C (for copy), and go to your word processing document and Ctrl-V (to paste) them below the graphic
* Save the document with the date as the filename (ie-052899.doc).
* Please send it to me as an attachment. :o) I'm curious to look it over.

Yes, this is an involved process, but it's the only way that I've found to document band openings if you forgot to first open an APRS log.

You have my curiosity up. I sincerely hope I caught you before you shut-down your system. Congrats, btw...if this ends up being a total RF path.

Regards,
Ev, W2EV

BTW...this is what PropNET is all about.

PropNET: http://www.greeceny.com/propnet

Tate - KC7ZRU wrote:

> Greetings,
>
> I'm a bit excited and in need of some guidance here.
>
> I was just getting ready to shut down my 'Learning' WinAPRS setup here in
> Laramie, Wyoming when I checked the Station list. I've several stations listed
> from the Georgia, Alabama Tennessee, North Carolina area. Quite a hop!
>
> I manually copied out the entire list, but would like to save all the data in
> a 'verifiable' method. here it is: (Only stations not listed are my own
> KC7ZRU-2, my tracker KC7ZRU-3 and the one other APRS station in Laramie -
> KD7CEJ). Times I assume are MDT, that's local time on the PC.
>
> CALL   Time   Grid   Lat   Long   Dist   PHG
> N4NWD   10:16
> KD4DKW 10:16   EM73RU 33 51'24"N   84 30'48"W   1271
> KT4YP
> W04U-2 10:16   EM85FU 35 51'57"N   83 33'42"W   1257   4360
> N4NEQ-3 10:16   EM85CQ 35 15'27"N   83 47'42"W   1258   3876
> KB4FHU 10:35   EM74JW 34 57'18"N   85 14'18"W   1191
> NWSGSP
> NE4S-15 10:45   EM74RA 34 02'09"N   84 31'36:W   1266
> NWSPTC
> WO4U

> WADSY
>
> What I'd like to do is, before I have to shut down WinAPRS 228, is how do I
> save that record? I tried doing a 'cut & paste' but no go. How do I go about
> saving this in a manner that isn't just me typing into Notepad?
>
> Going to have to check with KD7CEJ - wonder if any of these were digi'd to his
> station.
>
> Thanks
>
> Station is an Icom IC-2000, a stacked pair of Arrow Antenna 4 ele beams, about
> 20' high and aimed roughly towards Cheyenne from Laramie, a bit S of E.
>
> --
>   KC7ZRU | In Laramie Area
>   Laramie, WY | UARC Repeater
>   DN71eh | 146.610
>   "The Dungeon" online at http://www.cyberhighway.net/~tateb
>   KC7ZRU@KC7ZRU.#SEWY.WY.USA.NOAM
>
> ---
> You are currently subscribed to aprssig as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-aprssig-2159K@lists.tapr.org

--
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software to plot band openings in near real-time!
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To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

June 1999

Original source file: propnet.9906
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9906

1. [propnet] 2-Meter Meteor Scatter

From: PropNET <PropNET@greeceny.com>
Date: Wed, 09 Jun 1999 22:18:23 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-25340-1999.06.09-21.25.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello PropNETters!
There was some discussion about "what frequency to use for meteor
scatter contacts on 2-meter APRS". That was because we were using
145.790-MHz which had been recently vacated because of the International
Space Station being planted on 145.800-MHz.

There was much discussion about how "inappropriate" it was to continue
using the frequency in light of the fact that we had moved away from it.

It is in that spirit that I'd like to float an idea about an alternate
frequency to use for APRS meteor scatter communications on 2-meters...a
sort-of 2-meter PropNET.

My parameters in making the suggestion were as follows:
1. allow people with vertical beam antennas to participate (good SWR)
2. allow SSB/CW ping jockies to participate on both FM Packet and SSB/CW
at the same time, with minimal impact
3. minimize the risk profile of interfering with other already
established frequency uses

That having been said, I'd like to suggest the use of 147.585-MHz, a
simplex FM "split". The idea being that while there may be some
existing simplex activity somewhere in the country, the use of this
frequency for packet would be limited primarily to meteor shower events,
so any interruption to other 147.585-MHz users activity would be
minimized.

Yes...someone is bound to say that it's "their frequency", but please
consider the short duration use that this proposal is floating.

Any thoughts?

Ev, W2EV

--
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To learn about PropNET: http://www.RochesterNY.org/PropNET
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Kantronics Letter

From: "Mark" <aq1sw2@pixi.com>
Date: Wed, 9 Jun 1999 21:39:33 -1000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-25378-1999.06.10-02.47.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am guessing that many of you, like I, got a letter from Kantronics recently.
The letter, amongst other things, mentioned that Kantronics was coming out with
a TNC/GPS combination box.

Being a contracts guy and not a tech guy, my question is:
What are the pros and cons of a TNC/GPS that you plug a radio into
vs. a radio/TNC that you plug a GPS into?

Mark in Aiea Hawaii

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Test, disregard

From: KD7END@arrl.net
Date: Sat, 19 Jun 1999 11:27:09 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-26578-1999.06.19-10.33.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is K7LU hiding behind his daughter's return address, testing to see if
the list takes postings from the unsubscribed...

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Help: Perseids Recap Needed

From: PropNET <PropNET@greeceny.com>
Date: Tue, 22 Jun 1999 18:53:38 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-27012-1999.06.22-18.01.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have the results from our Perseids '98 meteor shower APRS
experiment archived? I'm in need of any contact information that is
available...ideally if someone kept a "master list" of all the APRS
posits/contacts reported.

What say?

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Any recent activity?

From: Earl Needham <kd5xb@amsat.org>
Date: Wed, 23 Jun 1999 09:25:29 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-27099-1999.06.23-10.33.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Was just wondering if there has been any special activity on Propnet lately. We have a pretty good
enhancement going on on 2 meters this morning, so i was trying to make a correlation with that.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: [aprssig] Help: Perseids Recap Needed

From: PropNET <PropNET@greeceny.com>
Date: Thu, 24 Jun 1999 07:49:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-27290-1999.06.24-06.57.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Brian,
Yes, the Perseids are in August, "peaking" around the 12th, but this is
a fairly old and broad shower. Usable rocks can be had +/- several
days.

In the past, we've populated 145.79-MHz, but there has been some consern
over re-populating a frequency that we just moved from in favor of
144.39-MHz. As a result, I've proposed that we use 147.585-MHz on
2-meters.

New this year will be a large-scale effort to use 6-meters, too. There

was limited 6-meter activity last year (only three or four stations
on-the-air). To that end, 53.530-MHz appears to be the frequency of
choice (as it is now actually coordinated for this use in many states).

The idea is to send lots of short transmissions. If you're interested,
I can send you the instructions for either DOSaprs or WinAPRS, your
choice.

Power levels are on the order of 25-200 watts (the more, the better) and
antennas are typically 4-element beams (on 2-meters) or simple 1/2 wave
verticals on 6-meters. Some folks will use horizontal beams on
6-meters, but most users will be using vertical.

'Hope this helps.

Regards,
Ev, W2EV

Brian B. Riley wrote:

> that sounds interesting, Perseids are early August - when exactly this
> year? what sort of experiment was done?? short tight packets? beam
> antennas? what freq? how much power?
>

--
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or the new site at: http://www.RochesterNY.org/PropNET
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

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July 1999

Original source file: propnet.9907
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9907

1. [propnet] MORE eS? Or MS?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 04 Jul 1999 19:45:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: wsvhf@qth.net, propnet@lists.tapr.org, meteor-scatter@qth.net
Message-ID: <LYR1548-28678-1999.07.04-21.01.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just got a few packets on APRS through the local digi.
I received the following packets this afternoon between 1854 and 1857 local (0054Z-0057Z):

VE3TEJ>APW228,VA3DVR,WA5IHL-11*,WIDE:=4256.21N/08114.43W-PHG1100/ve3tej@home.com -ONT.-LONDON
-228-<530>

1333 miles!

N3HPR>APW226,N3EOY,VA3DVR,WA5IHL-11*:=4203.05N/08008.65W_PHG5150/Erie Co. PA ARES Wx node -PAERIERIE
-226-<530>

1362 miles!

VA3MFM>APW227,VE3WIK,VA3DVR,WA5IHL-11*,WIDE:=4314.28N/07954.78W-PHG5150/WinAPRS 2.2.7
-ONWENHAMILTON-227-<530>

1407 miles!

KE2VW-11>APRS,WIDE,WA5IHL-11*,WIDE:!4223.32NT07913.42W#PHG5160/WIDE-RELAY-TRACE DIGIPEATER
KE2VW-11>APRS,VE3YAP,WIDE,WA5IHL-11*:!4223.32NT07913.42W#PHG5160/WIDE-RELAY-TRACE DIGIPEATER

1417 miles!

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] RE: [WSVHF] MORE eS? Or MS?

From: "Russ Pillsbury" <k2txb@dxcc.com>
Date: Sun, 4 Jul 1999 22:23:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: <wsvhf@qth.net>, <propnet@lists.tapr.org>, <meteor-scatter@qth.net>
Message-ID: <LYR1548-28682-1999.07.04-21.30.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, we just had a spot of e-skip on 2 meters here on the east coast. I
heard N0LL several times, and worked W9PHJ in Wis, although he sounded more
like weak tropo than skip. K1RZ was heard working several zeroes but only
N0LL was coming in here at the time. That was about 15 minutes or so ago,
presently (at 0220) all seems quiet again.

Russ K2TXB

> -----Original Message-----
> From: owner-wsvhf@qth.net [mailto:owner-wsvhf@qth.net]On Behalf Of Earl
> Needham
> Sent: Sunday, July 04, 1999 9:45 PM
> To: aprssig@tapr.org
> Cc: wsvhf@qth.net; propnet@lists.tapr.org; meteor-scatter@qth.net
> Subject: [WSVHF] MORE eS? Or MS?
>
>
>
> Just got a few packets on APRS through the local digi.
> I received the following packets this afternoon between 1854 and

> 1857 local (0054Z-0057Z):
>
> VE3TEJ>APW228,VA3DVR,WA5IHL-11*,WIDE:=4256.21N/08114.43W-PHG1100/v
e3tej@home.com -ONT.-LONDON -228-<530>
>
> 1333 miles!
>
>
> N3HPR>APW226,N3EOY,VA3DVR,WA5IHL-11*:=4203.05N/08008.65W_PHG5150/E
> rie Co. PA ARES Wx node -PAERIERIE   -226-<530>
>
> 1362 miles!
>
>
> VA3MFM>APW227,VE3WIK,VA3DVR,WA5IHL-11*,WIDE:=4314.28N/07954.78W-PH
G5150/WinAPRS 2.2.7 -ONWENHAMILTON-227-<530>
>
> 1407 miles!
>
> KE2VW-11>APRS,WIDE,WA5IHL-11*,WIDE:!4223.32NT07913.42W#PHG5160/WID
> E-RELAY-TRACE DIGIPEATER
> KE2VW-11>APRS,VE3YAP,WIDE,WA5IHL-11*:!4223.32NT07913.42W#PHG5160/W
> IDE-RELAY-TRACE DIGIPEATER
>
> 1417 miles!
>
>
> 7 3
> Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)
> -----
> Submissions: wsvhf@qth.net
> Subscription/removal: wsvhf-request@qth.net
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Excellent Opportunity: Re: MORE eS? Or MS?

From: PropNET <PropNET@greeceny.com>
Date: Mon, 05 Jul 1999 11:55:23 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: wsvhf@qth.net, meteor-scatter@qth.net, APRS Listserve <aprssig@tapr.org>
Message-ID: <LYR1548-28776-1999.07.05-11.03.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
You have now officially experienced yet another advantage of being
active on packet-radio even if you are a narrowband weenie (like we
are). Nice catch!

-= Ev, W2EV =-

========== Explanation Follows ==========

The reception report below was gleaned from the APRS frequency of
144.39-MHz, using software called WinAPRS. What Earl captured was an Es
opening from the Eastern Great Lakes to New Mexico. How do I know?
Easy...follow along with this short tutorial:

Between 0054Z and 0057Z, Earl's APRS station received the following
packet (among others):

VE3TEJ>APW228,VA3DVR,WA5IHL-11*,WIDE:=4256.21N/08114.43W-PHG1100/ve3tej@home.com
-ONT.-LONDON -228-<530>

These captured packets break-down as follows:
A>B,C,D,E:=F/G-PHG#### and more text
where:
A=Originating Callsign
B=Unused placeholder
C,D,E= The digipeating path that the launching station wished for it's
packet to take (in this case, probably the generic "aliases" of

RELAY,WIDE,WIDE). Most Digipeaters will call-substitute THEIR callsign
for the Generic-alias, when they digipeat the packet.
F=North Latitude of VE3TEJ
G=West Longitude of VE3TEJ
PHG###=Power,Height of antenna,Gain of that antenna at VE3TEJ, based on
an encrypted formula

What this tells us:
The Packet originated at VE3TEJ in the form of:

VE3TEJ>APW228,RELAY,WIDE,WIDE:=4256.21N/08114.43W-PHG1100/ve3tej@home.com
-ONT.-LONDON -228-<530>

It was was received by VA3DVR who digipeated it (and changed "RELAY" to
"VA3DVR"). Now the packet, as transmitted by VA3DVR looks like this:

VE3TEJ>APW228,VA3DVR,WIDE,WIDE:=4256.21N/08114.43W-PHG1100/ve3tej@home.com
-ONT.-LONDON -228-<530>

This is where it gets interesting . . .

A digipeater with the callsign of WA5IHL-11 hears the signal from VA3DVR
and continues the digipeating process with the following transmission
(substituting it's callsign for the alias of "WIDE"):

VE3TEJ>APW228,VA3DVR,WA5IHL-11,WIDE:=4256.21N/08114.43W-PHG1100/ve3tej@home.com
-ONT.-LONDON -228-<530>

This tells us that the band was open between "VA3DVR" and "WA5IHL-11".
How did Earl know? Easy! His APRS station heard WA5IHL-11 digipeat the
information. You can tell because of the packet his TNC displayed:

VE3TEJ>APW228,VA3DVR,WA5IHL-11*,WIDE:=4256.21N/08114.43W-PHG1100/ve3tej@home.com
-ONT.-LONDON -228-<530>

Notice the "*" after WA5IHL-11? That means that Earl's TNC heard the
packet DIRECTLY from WA5IHL-11 and NOT from any other source.

What's the big deal? Well, narrowbanders...here's the big deal...
Imagine that you got a warning of a band-opening in progress, simply by
monitoring an all-amateur-radio service? The band wouldn't have to be
directly open to your house...just nearby (as in the above example).
You could get just enough early warning that you have time to fire up
your station and take advantage of the band opening as it builds! Best
of all...these packets are decoded by WinAPRS (and other versions) so
that the stations appear as icons on a computer screen...placed on a
map! You visually know to what direction the band is open...just look.

The concept is sound...it just needs to be invoked a little differently
than the way it is used in APRS functions.

NOTE: Watch for upcoming articles in several magazines talking about
this system for the purpose of chasing meteors, too. This is really
exciting stuff!

Project: PropNET
http://www.RochesterNY.org/PropNET
http://www.greeceny.com/propnet

Join the PropNET listserve at www.tapr.org

Earl Needham wrote:
>
>   Just got a few packets on APRS through the local digi.
>   I received the following packets this afternoon between 1854 and 1857 local (0054Z-0057Z):
>
> VE3TEJ>APW228,VA3DVR,WA5IHL-11*,WIDE:=4256.21N/08114.43W-PHG1100/ve3tej@home.com -ONT.-LONDON
-228-<530>
>
>   1333 miles!
>
> N3HPR>APW226,N3EOY,VA3DVR,WA5IHL-11*:=4203.05N/08008.65W_PHG5150/Erie Co. PA ARES Wx node -PAERIERIE
    -226-<530>
>
>   1362 miles!
>
> VA3MFM>APW227,VE3WIK,VA3DVR,WA5IHL-11*,WIDE:=4314.28N/07954.78W-PHG5150/WinAPRS 2.2.7

-ONWENHAMILTON-227-<530>
>
>   1407 miles!
>
> KE2VW-11>APRS,WIDE,WA5IHL-11*,WIDE:!4223.32NT07913.42W#PHG5160/WIDE-RELAY-TRACE DIGIPEATER
> KE2VW-11>APRS,VE3YAP,WIDE,WA5IHL-11*:!4223.32NT07913.42W#PHG5160/WIDE-RELAY-TRACE DIGIPEATER
>
>   1417 miles!
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Use Automatic Position Reporting System (APRS [tm])
software to plot band openings in near real-time!
To learn about PropNET: http://www.greeceny.com/propnet
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] August Perseids

From: PropNET <PropNET@greeceny.com>
Date: Tue, 13 Jul 1999 18:31:10 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-29974-1999.07.13-17.39.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Perseids are about a month away. Time to begin talking about them a
bit. I'd like to float another eMail about our experimental frequency
on 2-meters.

Last year, there was considerable discussion about not going back to
145.79-MHz out of defference to our original intent of vacating it for
ISS. I'd like to suggest that we use 147.585-MHz this year. It is a
"split-simplex" frequency, likely to be little-used throughout the
country (although I'm certain someone somewhere will stake a claim to it
<grin>).

On 6-meters, there are two full-time Hubs active in New York. One on
Long Island (FN30) and another in Rochester (FN03). Both are running
100-watts to a 1/2-wave vertical antanna on 53.530-MHz. On August 1st,
the Rochester Hub will go into "lite" MS mode...sending ID packets every
1-minute. On August 8th, it will go to "heavy" MS mode...sending ID
packets every 10-seconds (PropNET packets are short:
W2AAA-6>CQ,HOP1-1:[FN03XD] and take under 1-second to transmit).

Come join-in on the fun. It's time to begin wiring that TNC and
configuring it for Meteor Scatter! :o)

This note is being sent to both the APRS and the PropNET listserves. If
you aren't subscribed to the PropNET listserve, do so soon (it's on
http://www.tapr.org just like the APRS listserve). There is going to be
much traffic on MS topics that will appear there, that won't appear on
the general APRS listserve.

-= Ev, W2EV =-

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Re: August Perseids

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 17 Jul 1999 09:29:24 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-30446-1999.07.17-09.45.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Ev wrote:

>Last year there was discussion about not going back to 145.79 out of
>deference to our intent of vacating it for ISS. I'd suggest we use >147.585 MHz.

     As far as I'm aware, this frequency is not being used in the NYC/
Tri-State area as a repeater input. But this area of the band *is* un-
der "local option" for such use in many areas of the country ... partic-
ularly in areas where the band is already crowded. Hold on a minute.
Let me see the Repeater Directory CD ...

     Okay, as far as I can tell, the only potential conflict with
147.585 is with WB5FNZ/r in Medina TX. Its input is on 147.580. Some-
how, I have a gut feeling that this will not be a problem, but perhaps
someone might get in touch with that repeater group to find out if
PropNet ops would significantly disrupt their communications. I doubt
it, unless there's a PropNet station in the immediate area.   73

```
_____________________________________________________________________
|Arte Booten  <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
|PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
|Riverdale, New York [FN30bv]       !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
|_____________________________________________________________________|
```

   A new bumper sticker in New York State reads, "Run Hillary, Run!"
 Democrats put it on the rear bumper. Republicans put it on the front.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: August Perseids

From: PropNET <PropNET@greeceny.com>
Date: Sun, 18 Jul 1999 11:53:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-30535-1999.07.18-11.01.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As usual, great information Arte! I suspect this won't cause a problem,
considering the short-term and narrow scope of this kind of activity
(packet meteor scatter). Thanks for doing the research!

BTW...the new PropNET website is maturing well. There are just a couple
of areas to work on remaining. http://www.RochesterNY.org/PropNET

-= Ev, W2EV =-

> As far as I'm aware, this frequency is not being used in the NYC/
> Tri-State area as a repeater input. But this area of the band *is* un-
> der "local option" for such use in many areas of the country ... partic-
> ularly in areas where the band is already crowded. Hold on a minute.
> Let me see the Repeater Directory CD ...
>
> Okay, as far as I can tell, the only potential conflict with
> 147.585 is with WB5FNZ/r in Medina TX. Its input is on 147.580. Some-
> how, I have a gut feeling that this will not be a problem, but perhaps
> someone might get in touch with that repeater group to find out if
> PropNet ops would significantly disrupt their communications. I doubt
> it, unless there's a PropNet station in the immediate area.   73
> ____
> |Arte Booten <n2zrc@weca.org> AEC for Digital Services, NYC ARES/RACES|
> |PGP Key Fingerprint: 22E5 3EC7 4E3C 2460 C570 BACA E48B 71D5 0F33 54AD|
> |Riverdale, New York [FN30bv]   !4052.71N/07354.06WNPHG5370/A=00240|
> |Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
> |____|
>   A new bumper sticker in New York State reads, "Run Hillary, Run!"
> Democrats put it on the rear bumper. Republicans put it on the front.
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] Forward: SAREX and 145.79

From: PropNET <PropNET@greeceny.com>
Date: Mon, 19 Jul 1999 16:51:22 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-30695-1999.07.19-16.00.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought this would be of interest to PropNETers. This is why I
floated the idea of using 147.585 as our new Meteor Scatter frequency.
Just FYI. See below.
-= Ev, W2EV =-
-
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subscribe propnet First_name Last_name

==========

The time has come! The reason we've QSY'd to 144.39 across the USA is
upon us. The 25th and final SAREX shuttle mission, STS-93, is set for
launch on Tuesday, July 20. SAREX on STS-93 will use 145.800 as the
downlink frequency <http://garc.gsfc.nasa.gov/~kc6rol/sts93.html>.

I sure hope 145.790 is free of all APRS traffic by then! After all the
blood, sweat, and tears shed by our national APRS community to prepare
for this planned use of 145.80 as a downlink freq for manned space
flights, we sure don't want APRSers to be accused of disrupting amateur
transmissions from space during this historic mission!

73, Cap KE6AFE

P.S. Please consider giving a listen on 145.79 (before July 20) to make
sure the freq's clear in your area, but remember to make sure you've
cleared off the freq by launch time (04:36:00 UTC on 1999-07-20).
--
Cap Pennell
Santa Cruz, CA 95062-1002   3658.93N/12200.91W [CM86xx]
email: cap@cruzio.com   home page: http://members.cruzio.com/~cap
packet radio: KE6AFE @ki6eh.#wcca.ca.usa.noam

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] New Website Functioning!

From: PropNET <PropNET@greeceny.com>
Date: Mon, 19 Jul 1999 20:34:36 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-30730-1999.07.19-19.43.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a quick note to let everyone know that the new PropNET website is
up-and-running! (the crowd applauds) :o)

It's been a while, for sure, but I think the new look will do wonders to
get new folks interested. I spent considerable time in layout, to grab
the attention of folks who get bored with text-based stuff (read: kids)
while leaving enough content to keep the old-folks happy, too. <smile>

Thanks to the folks who were kind enough to share some of their .log
files with me. As more l-o-n-g distance reports are submitted (send 'em
to the listserve so everyone will see 'em), I will further enhance the
site to include sample screen-shots of openings that have been observed.

Kindly worded suggestions are appreciated. I'd hate to think I
overlooked some feature that could have benefited our community of
experimenters. Don't forget, though...I'm trying to make this a
low-maintenance but good content site. Please don't make suggestions
that require a high degree of day-to-day maintenance. :-)

There you have it! Bring on the band-openings and meteors!

Ev, W2EV
--
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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Event Captured

From: PropNET <PropNET@greeceny.com>
Date: Thu, 22 Jul 1999 23:58:42 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-31144-1999.07.22-23.07.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI,
Check out the event from tonight captured on the PropNET website (under
the hyperlink titled "Events You Missed" :o)
-= Ev, W2EV =-
http://www.RochesterNY.org/PropNET

--
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http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Any participation from Dallas-Fort Worth?

From: Wayne Day <n5wd@earthlink.net>
Date: Fri, 23 Jul 1999 04:52:24 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-31157-1999.07.23-00.02.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there anyone already participating in PropNet from the EM12 Dallas-Fort Worth area?

73 Wayne N5WD

R. Wayne Day N5WD   n5wd@earthlink.net   Fort Worth, Texas
   trustee of K5SRE - Sam Rosen Elementary School ARS
          EMT/Paramedic - MedStar Fort Worth

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Re: Any participation from Dallas-Fort Worth?

From: PropNET Evangalist <propnet@greeceny.com>
Date: Fri, 23 Jul 1999 14:04:20 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-31225-1999.07.23-13.12.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry to say, no activity has been reported in Texas. The closest is in Arkansas.
Actually, I've had conversations with a trustee at a high school in Little Rock who is in
the process of putting up a node now (actually, in the process of learning what to buy, in
order to put up a node). :o)

Intersetingly, I'm also a trustee for a school club. We'll be on PropNET in about a week
(KC2DMN) ourselves.

Regards,
Ev, W2EV

Wayne Day wrote:

> Is there anyone already participating in PropNet from the EM12 Dallas-Fort Worth area?
>
> 73 Wayne N5WD
>
> ---
> R. Wayne Day N5WD   n5wd@earthlink.net   Fort Worth, Texas
>   trustee of K5SRE - Sam Rosen Elementary School ARS
>   EMT/Paramedic - MedStar Fort Worth
> ---
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] [Fwd: [aprssig] Band opening N/S]

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sat, 24 Jul 1999 11:13:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-31309-1999.07.24-10.22.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yet another long-distance event captured by APRS (PropNET's 1st Cousin
on 2-meters) <grin>.

-= Ev, W2EV =-
--
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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

13. [propnet] Re: [aprssig] Band opening N/S

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 24 Jul 1999 17:17:12 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-31336-1999.07.24-16.29.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

2-meters was opened on the East Coast last night, too. Best direct DX
was WA4KXV-1 in Virginia Beach, 376 miles (over the ocean) from
WA1LOU-15 in downtown Wolcott.

Jeff Brenton wrote:
>
> TULSA>BEACON,WV0T-9,W0APR-4,W0MXW-1,WA9CJN-15,AE9A-10,KA9VNV-3*,TRACE7-1:!3611.4
> 5NT09605.55W#PHG3630/W-R-T KF6GMIF-2 http://www.rass.org
>
> It got here incrementally, but Tulsa to Milwaukee in 6 hops, all on VHF!
>
> I'm also seeing D7's out of the Minneapolis area on 2 hops, and the Salina, KS
> digi is here in 2 hops, as well. Oh, and did I mention that KI0BW-4 is being
> heard direct (321 miles), with my 20' high antenna?

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

14. [propnet] Re: [aprssig] Band opening N/S

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sat, 24 Jul 1999 18:16:17 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-31338-1999.07.24-17.24.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How cool is that? :o) I read that Del, K1UHF worked W4DEX (500+ miles)
on 1296-MHz with stronger signals than they had on 2-meters. Then they
went to 10-GHz and worked with no problem.

That's the fascinating part of this stuff. At 6-meters, we're dealing
with ionospheric (the band opens from bottom-to-top) issues. At 10-GHz
we're dealing with tropospheric issues (the band opens from
Top-to-Bottom). The bands in-between are just that--a mix of both.

I'm working on placing a 10-GHz wide-band FM transmitter on the North
Shore of Lake Ontario, pointing south and west (toward Rochester and
Buffalo). The idea is to use PropNET on a dedicated low-power computer
to track when the summer/fall over-water ducts form. If all goes as
planned, I'll be installing it during the upcoming 10-GHz contest...of
course, that was my plan last year, too. :o)

-= Ev =-

Stan Horzepa wrote:
>
> 2-meters was opened on the East Coast last night, too. Best direct DX
> was WA4KXV-1 in Virginia Beach, 376 miles (over the ocean) from
> WA1LOU-15 in downtown Wolcott.
>
> Jeff Brenton wrote:
> >
> > TULSA>BEACON,WV0T-9,W0APR-4,W0MXW-1,WA9CJN-15,AE9A-10,KA9VNV-3*,TRACE7-1:!3611.4
> > 5NT09605.55W#PHG3630/W-R-T KF6GMIF-2 http://www.rass.org
> >
> > It got here incrementally, but Tulsa to Milwaukee in 6 hops, all on VHF!
> >
> > I'm also seeing D7's out of the Minneapolis area on 2 hops, and the Salina, KS
> > digi is here in 2 hops, as well. Oh, and did I mention that KI0BW-4 is being
> > heard direct (321 miles), with my 20' high antenna?
>
> ---
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--
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mailto:listserv@tapr.org with a MESSAGE-text of:

subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] [Fwd: Fw: Tropo Fcst]

From: Ev Tupis <evman@ix.netcom.com>
Date: Sat, 24 Jul 1999 19:12:24 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-31339-1999.07.24-18.21.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know the source of this report, but I'm going to find out and
link to it from the PropNET website. Midwestern stations, take note!
-= Ev, W2EV =-

16. [propnet] Re: [aprssig] Try 147.585 [was:APRS use of 145.55?]

From: Earl Needham <needhame@yucca.net>
Date: Tue, 27 Jul 1999 23:59:46 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Message-ID: <LYR1548-31826-1999.07.28-01.09.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:10 PM 7/27/99 -0400, Evhen Tupis (W2EV) wrote:
>Danny,
>It has been suggested that we populate 147.585 for meteor scatter work.
>It is considered to be an FM simplex frequency, used frequently as a
>packet BBS channel in many areas.

        Just made the QSY (for perhaps two or three weeks) to 147.585 for the annual MS try. I have the
 following in my TNC setup file:

MYALIAS EM84
MY1 WIDE2-2
MY2 WIDE4-4
MY3 TRACE
un DM84jk V wide4-4

        Position is being sent every minute. Suggestions for changes would be appreciated.

        Hope to see lots of stations!

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Re: [aprssig] Try 147.585

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Wed, 28 Jul 1999 23:24:56 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Message-ID: <LYR1548-31941-1999.07.28-22.33.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
Knowing that you are now active, I'll activate on 147.585 and point in
your direction for a while (hmmm. NY to NM could be an interesting story
to tell someday <smile>). Know, though, that even though the Perseids
has officially begun, the actual ZHR (meteor per hour) is still 20dB
down from the peak. So chance of success right now is fairly small.

However...the 3dB point is +/- 2 days from August 12 (for a total
predicted 3dB window of August 10-14). That will be our greatest chance
for success.

> Just made the QSY (for perhaps two or three weeks) to 147.585 for the annual MS try. I have the
following in my TNC setup file:
>
> MYALIAS EM84
> MY1 WIDE2-2

> MY2 WIDE4-4
> MY3 TRACE
> un DM84jk V wide4-4

As for setup, the only UI path should be HOP1-1. That is a
call-substituting TRACEn-n equivalent. Anything else will clog the
frequency with unnecessary digipeats. You'll want to remove any
digipeating aliases from your TNC and use a UI path of CQ VIA HOP1-1.

The idea for HOP1-1 is to attempt to get a single "QSL" back across the
same path, should a meteor burn be long enough -- assuming that the DX
TNC is a Kantronics with ROM 8.2+ (and setup according to the directions
on the PropNET website -- see below). Mine is, so seting your TNC that
way will be advantageous.

Being call-substituted, it will carry the callsign of the digipeating
station along with it. Being 1-1, it will not be digipeated again
(keeping the frequency as clear as possible).

Ev, W2EV -- FN03 Western New York
147.585 @ 200 watts to a 4 element beam pointed at Clovis NM! :o)

--
Project: PropNET is . . .
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

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18. [propnet] Re: [aprssig] Try 147.585

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 28 Jul 1999 21:43:32 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-31951-1999.07.28-22.52.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:24 PM 7/28/99 -0400, Evhen Tupis (W2EV) sent:
<SNIP>
>So chance of success right now is fairly small.

        No sweat, just give it a try now and then. Fishing again...<G>

>However...the 3dB point is +/- 2 days from August 12 (for a total
>predicted 3dB window of August 10-14). That will be our greatest chance
>for success.

        I'll try to be on continuously then. For now, I have to turn it off in the daytime while I'm at
 work.

<snip>
>As for setup, the only UI path should be HOP1-1.

        OK, that's been changed.

>That is a call-substituting TRACEn-n equivalent. Anything else
>will clog the frequency with unnecessary digipeats. You'll want
>to remove any digipeating aliases from your TNC and use a UI path
>of CQ VIA HOP1-1.

        Hmm. Actually, my path is DM84jk V HOP1-1, giving my approximate position in VERY few
characters, indeed. My beacon text is $ and my packets look like this:

KD5XB>DM84JK,HOP1-1:$

        Will packets like this plot on your software? I know they work OK in WinAPRS.
        Also, since I'm using an MFJ 1270 with the PacComm firmware, I assume one of my aliases should
be HOP1-1 to allow the next paragraph to happen from my end.

>The idea for HOP1-1 is to attempt to get a single "QSL" back across the
>same path, should a meteor burn be long enough -- assuming that the DX

>TNC is a Kantronics with ROM 8.2+ (and setup according to the directions
>on the PropNET website -- see below). Mine is, so seting your TNC that
>way will be advantageous.

        Tnx es 7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

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19. [propnet] HOP1-1 *and* QSL1-1?

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 29 Jul 1999 11:25:39 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32021-1999.07.29-10.35.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ya know, Earl...you got me to thinking (always dangerous).

Invoking a WIDE1-1 equivalent will do the same thing as HOP1-1 (which is a TRACE1-1 equivalent)...as
long as WIDE1-1 will call substitute.

Help me here...does WIDE1-1 call substitute on a 1270 with Paccomm ROM?

If so...I'd suggest that another alias is used...like QSL1-1 (as a WIDE1-1 equivalent). It would be
important to NEVER use anything higher than 1-1, because it is
impossible to trace a path all the way. However, a DX station that would respond to a QSL1-1 would be
just the ticket! This has the potential of including Paccomm-ROM
TNC's in the Peer-class of stations (which is presently the domain of only Kantronics TNCs!). This is
an exciting prospect.

If this works, you may have just engineered a solution that will allow a LOT more people to play as
Peers than could play before. Let me know, would you?

-= Ev, W2EV =-

Earl Needham wrote:

> At 11:24 PM 7/28/99 -0400, Evhen Tupis (W2EV) sent:
> <SNIP>
> >So chance of success right now is fairly small.
>
>   No sweat, just give it a try now and then. Fishing again...<G>
>
> >However...the 3dB point is +/- 2 days from August 12 (for a total
> >predicted 3dB window of August 10-14). That will be our greatest chance
> >for success.
>
>   I'll try to be on continuously then. For now, I have to turn it off in the daytime while I'm
at work.
>
> <snip>
> >As for setup, the only UI path should be HOP1-1.
>
>   OK, that's been changed.
>
> >That is a call-substituting TRACEn-n equivalent. Anything else
> >will clog the frequency with unnecessary digipeats. You'll want
> >to remove any digipeating aliases from your TNC and use a UI path
> >of CQ VIA HOP1-1.
>
>   Hmm. Actually, my path is DM84jk V HOP1-1, giving my approximate position in VERY few
characters, indeed. My beacon text is $ and my packets look like this:
>
> KD5XB>DM84JK,HOP1-1:$
>
>   Will packets like this plot on your software? I know they work OK in WinAPRS.
>   Also, since I'm using an MFJ 1270 with the PacComm firmware, I assume one of my aliases should
 be HOP1-1 to allow the next paragraph to happen from my end.
>
> >The idea for HOP1-1 is to attempt to get a single "QSL" back across the
> >same path, should a meteor burn be long enough -- assuming that the DX

> >TNC is a Kantronics with ROM 8.2+ (and setup according to the directions
> >on the PropNET website -- see below). Mine is, so seting your TNC that
> >way will be advantageous.
>
>   Tnx es 7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
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20. [propnet] More MS thoughts

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 29 Jul 1999 11:45:52 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32028-1999.07.29-10.55.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a communique' from Clovis, New Mexico, Earl mentioned . . .

> >However...the 3dB point is +/- 2 days from August 12 (for a total
> >predicted 3dB window of August 10-14). That will be our greatest chance
> >for success.
>
>   I'll try to be on continuously then. For now, I have to turn it off in the daytime while I'm
at work.

Fair enough. I'll attempt activate nightly on 147.585, nightly from 11:00 pm eastern until 6:00 am
eastern, beaming your way. It will be interesting if we can link-up a
MS trail with the tropo that the midwest is experiencing.

>   Hmm. Actually, my path is DM84jk V HOP1-1, giving my approximate position in VERY few
characters, indeed. My beacon text is $ and my packets look like this:
>
> KD5XB>DM84JK,HOP1-1:$

Your packet-format is GREAT! Since your suggestion to explore this format a couple of months ago, I've
learned that, as long as there is *something* after the ":", then
WinAPRS will decode the packet properly...your format is the shortest possible. Well done.

As a matter of fact, I'm going to include that format on the PropNET site as a good one for highest
efficiency.

Regards,
Ev, W2EV

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21. [propnet] Re: HOP1-1 *and* QSL1-1?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 29 Jul 1999 19:46:57 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32099-1999.07.29-20.58.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:25 AM 7/29/99 -0400, Evhen Tupis (W2EV) sent:
>Ya know, Earl...you got me to thinking (always dangerous).
>
>Invoking a WIDE1-1 equivalent will do the same thing as HOP1-1
>(which is a TRACE1-1 equivalent)...as long as WIDE1-1 will call
>substitute.
>
>Help me here...does WIDE1-1 call substitute on a 1270 with
>Paccomm ROM?

        Yes, ANY alias will call-substitute on the PacComm firmware, if DIGI is set to anything between
1 and 7. See the chart:

```
DIGIpeat n = 0-8  0= DIGIpeat OFF (the old DIGI  N)
                  1=DIGIpeat ON and DIGI-SWAP enabled
                  2=DIGIpeat ON and DIGI-NOT-OWN enabled
                  3=DIGIpeat ON, DIGI-NOT-OWN and
                  DIGI-SWAP enabled
                  4=DIGIpeat ON   and DIGI-ONCE enabled
                  5=DIGIpeat ON , DIGI-SWAP and DIGI-ONCE
                  enabled
                  6=DIGIpeat ON, DIGI-NOT-OWN and DIGI-ONCE
                  enabled
                  7=DIGIpeat ON, DIGI-SWAP, DIGI-NOT-OWN, and
                  DIGI-ONCE enabled (Default)
                  8=DIGIpeat ON (like the old DIGI Y with no
                  new features)

>If so...I'd suggest that another alias is used...like QSL1-1
>(as a WIDE1-1 equivalent).  It would be important to NEVER use
>anything higher than 1-1, because it is impossible to trace a
>path all the way.  However, a DX station that would respond to
>a QSL1-1 would be just the ticket!  This has the potential of
>including Paccomm-ROM TNC's in the Peer-class of stations
>(which is presently the domain of only Kantronics TNCs!).  This
>is an exciting prospect.

        Well -- let's see.  I set ONE of my aliases to HOP1-1, so if I receive a packet with that as the
 path, my TNC will digi it and (hopefully) the other station will hear a return, with KD5XB as the
digi-call.  That much is clear enough.
        However, if we try to use QSL1-1, won't we miss packets?  In other words, if a station uses a
path of HOP1-1, the station with QSL1-1 as an alias won't respond.  Or are you talking about using
several aliases?
        Tell you what I'll do:

        Myalias  HOP1-1
        My1alias QSL1-1
        My2alias WIDE
        My3alias RELAY

        That should cover just about ANY situation that might occur.

>If this works, you may have just engineered a solution that will
>allow a LOT more people to play as Peers than could play before.
>Let me know, would you?

        You know, it just seemed pretty straightforward to me, as if I read it before or something.
Kinda goes along with Bob B's documentation about all stations using an alias of RELAY.

        7 3
        Earl


Earl Needham, KD5XB    mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico      DM84jk N34d 25.446 W103d 12.700 (or so)

---
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```

22. [propnet] Re: More MS thoughts

```
From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 29 Jul 1999 19:49:04 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32100-1999.07.29-20.58.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
At 11:45 AM 7/29/99 -0400, Evhen Tupis (W2EV) sent:
>In a communique' from Clovis, New Mexico, Earl mentioned . . .
<snip>
>> KD5XB>DM84JK,HOP1-1:$
>
>Your packet-format is GREAT!  Since your suggestion to explore
>this format a couple of months ago, I've learned that, as long
>as there is *something* after the ":", then WinAPRS will decode
>the packet properly...your format is the shortest possible.  Well
>done.

        Thanks, Ev.  But I have a question.

        Is the $ actually the shortest possible?  Do all characters take the exact same length of time
```

to transmit? If not, which one is ABSOLUTELY the shortest? That would be the one to use.

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

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23. [propnet] Re: More MS thoughts

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Thu, 29 Jul 1999 22:44:52 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32111-1999.07.29-21.53.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Is the $ actually the shortest possible? Do all characters take the exact same length of time to transmit? If not, which one is ABSOLUTELY the shortest? That would be the one to use.

Yes, it is. According to the ASCII table, all characters have the same
length, just a different arrangement of 1's and 0's. Any character is
the shortest character. :o)

-= Ev, W2EV =-

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24. [propnet] Re: HOP1-1 *and* QSL1-1?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Thu, 29 Jul 1999 23:13:20 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32118-1999.07.29-22.22.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can see a good standard forming . . . I'd appreciate anyone's comments
on the following:

For "standard" PropNET operation 7/24/365 we use the HOP4-4 (a TRACE4-4
equivalent). This will allow full tracing of "non-instantaneous"
(non-meteor scatter) paths such as are found during band openings.

Example:
W2EV-2>FN03XD,HOP4-4:$
is heard by W2AAA-2 and is digipeated as:
W2EV-2>FN03XD,W2AAA-2,HOP4-3:$
and is heard by KD5XB-2 and is digipeated as:
W2EV-2>FN03XD,W2AAA-2,KD5XB-2,HOP4-2:$
Therefore, we know that the path is open from W2AAA-2 to KD5XB-2. This
works well for openings that are not "instantaneous and transatory",
such as tropospheric and ionospheric (Es & F2).

On the other hand, the PropNET standard for "instantaneous and
transatory" openings, such as Meteor Scatter would launch packets that
would use QSL1-1 (a WIDEn-n equivalent). Because the counter is 1-1, a
received packet would be digipeated only once by the DX station, and
call substituted. Numbers other than 1-1 would not be "allowed",
because you loose the ability to trace a full path.

Example:
W2EV-2>FN03XD,QSL1-1:$
is heard by W2AAA-2 (a local) and digipeated as:
W2EV-2>FN03XD,W2AAA-2,QSL1:$ ... we may need to experiment with the
length of time the no-dupe buffer is set to minimize congestion. Maybe
something on the order of 600-seconds? Is that allowed? (I've got to
experiment a little more).
On the other hand, the packet is also heard by KD5XB-2, who digipeats it
back as follows:
W2EV-2>FN03XD,KD5XB-2:QSL1:$

The feature of segregating "instantaneous and transatory" (Meteor
Scatter) users with QSL1-1 from "7/24" (PropNET) users with HOP4-4 is
that both can coexist on the same channel, and not interfere with each
others' operation. "MS" stations will still log "24/7" stations if they

hear them -- they just won't get digipeated further.

This is a fascinating concept which needs to be explored further.

For the time being, though. Be sure to not use the generics of RELAY or WIDE as they can easily flood a channel with traffic with just a few people invoking them incorrectly (R,W,W,W etc.).

Also for the time being...lets experiment a little. Try setting up your TNC to digipeat QSLn-n paths as a WIDEn-n equivalent. I will set one of my buffers to transmit W2EV-2>FN03XD,QSL1-1:$. I will setup my TNC to do the same (digipeat QSLn-n requests that it receives).

Let's leave HOPn-n to Kantronics TNC's as they are designed to be TRACEn-n equivalents.

Let's see what happens!

Very interesting thread, indeed.

-= Ev, W2EV =-

Earl Needham wrote:
>
> At 11:25 AM 7/29/99 -0400, Evhen Tupis (W2EV) sent:
> >Ya know, Earl...you got me to thinking (always dangerous).
> >
> >Invoking a WIDE1-1 equivalent will do the same thing as HOP1-1
> >(which is a TRACE1-1 equivalent)...as long as WIDE1-1 will call
> >substitute.
> >
> >Help me here...does WIDE1-1 call substitute on a 1270 with
> >Paccomm ROM?
>
>   Yes, ANY alias will call-substitute on the PacComm firmware, if DIGI is set to anything between 1 and 7. See the chart:
>
> DIGIpeat n = 0-8 0= DIGIpeat OFF (the old DIGI N)
>   1=DIGIpeat ON and DIGI-SWAP enabled
>   2=DIGIpeat ON and DIGI-NOT-OWN enabled
>   3=DIGIpeat ON, DIGI-NOT-OWN and
>   DIGI-SWAP enabled
>   4=DIGIpeat ON   and DIGI-ONCE enabled
>   5=DIGIpeat ON , DIGI-SWAP and DIGI-ONCE
>   enabled
>   6=DIGIpeat ON, DIGI-NOT-OWN and DIGI-ONCE
>   enabled
>   7=DIGIpeat ON, DIGI-SWAP, DIGI-NOT-OWN, and
>   DIGI-ONCE enabled (Default)
>   8=DIGIpeat ON (like the old DIGI Y with no
>   new features)
>
> >If so...I'd suggest that another alias is used...like QSL1-1
> >(as a WIDE1-1 equivalent). It would be important to NEVER use
> >anything higher than 1-1, because it is impossible to trace a
> >path all the way. However, a DX station that would respond to
> >a QSL1-1 would be just the ticket! This has the potential of
> >including Paccomm-ROM TNC's in the Peer-class of stations
> >(which is presently the domain of only Kantronics TNCs!). This
> >is an exciting prospect.
>
>   Well -- let's see. I set ONE of my aliases to HOP1-1, so if I receive a packet with that as the path, my TNC will digi it and (hopefully) the other station will hear a return, with KD5XB as the digi-call. That much is clear enough.
>   However, if we try to use QSL1-1, won't we miss packets? In other words, if a station uses a path of HOP1-1, the station with QSL1-1 as an alias won't respond. Or are you talking about using several aliases?
>   Tell you what I'll do:
>
>   Myalias HOP1-1
>   My1alias QSL1-1
>   My2alias WIDE
>   My3alias RELAY
>
>   That should cover just about ANY situation that might occur.
>
> >If this works, you may have just engineered a solution that will
> >allow a LOT more people to play as Peers than could play before.

> >Let me know, would you?
>
>   You know, it just seemed pretty straightforward to me, as if I read it before or something.
Kinda goes along with Bob B's documentation about all stations using an alias of RELAY.
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
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--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

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25. [propnet] Re: HOP1-1 *and* QSL1-1?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Thu, 29 Jul 1999 23:30:30 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32120-1999.07.29-22.39.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,
With the Kantronics (which is what I use), I can make the TNC treat the
UIPath of QSL1-1 as if it were WIDE1-1 by setting the following
parameter:

UIFLOOD QSL,90

What are the commands to set the Paccomm TNC into a mode of digipeating
WIDEn-n packets with an alias of QSL, rather than WIDE?

-= Ev, W2EV =-

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26. [propnet] Re: HOP1-1 *and* QSL1-1?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 29 Jul 1999 22:11:22 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32125-1999.07.29-23.22.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:13 PM 7/29/99 -0400, Evhen Tupis (W2EV) sent:
<snip>
>For the time being, though. Be sure to not use the generics of RELAY or
>WIDE as they can easily flood a channel with traffic with just a few
>people invoking them incorrectly (R,W,W,W etc.).

        OK, alias's set to:

MYALIAS HOP1-1
My1 QSL1-1
My2 DM84
My3 DM84jk

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

27. [propnet] Re: HOP1-1 *and* QSL1-1?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 29 Jul 1999 22:13:31 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32126-1999.07.29-23.22.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:30 PM 7/29/99 -0400, Evhen Tupis (W2EV) sent:
>Earl,
>With the Kantronics (which is what I use), I can make the TNC treat the
>UIPath of QSL1-1 as if it were WIDE1-1 by setting the following
>parameter:
>
>UIFLOOD QSL,90
>
>What are the commands to set the Paccomm TNC into a mode of digipeating
>WIDEn-n packets with an alias of QSL, rather than WIDE?

Ev, ONLY the Kantronics does the Trace1-1-type of digi-ing. The PacComm stuff only does 4 aliases and callsign substituting.

Kinda limiting, but the advantage is that it works in ANY TNC-2.

Also, if you have KISS available, WinAPRS does a LOT of good digi-ing functions. WinAPRS supports KISS directly, and will handle up to EIGHT aliases, along with callsign substituting.

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

28. [propnet] Re: HOP1-1 *and* QSL1-1?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 29 Jul 1999 22:25:44 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32128-1999.07.29-23.34.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:30 PM 7/29/99 -0400, Evhen Tupis (W2EV) sent:
<snip>
>What are the commands to set the Paccomm TNC into a mode of digipeating
>WIDEn-n packets with an alias of QSL, rather than WIDE?

Ev, it strikes me that I may have misunderstood your question.

What you can do with the PacComm firmware is do the following lines:

MYALIAS HOP1-1
My1 QSL1-1
My2 (short grid square)
My3 (long grid square)
DIGI 7

This will make the TNC digi anything it hears that's addressed to HOP1-1, QSL1-1, DM84 (for my station), or DM84jk (for my station). The gridsquare info should be changed to wherever the station REALLY is.

Of course, MY2 and MY3 can be other things -- CLOVIS, NM, EARL, $, etc...whatever. The important ones are HOP1-1 and QSL1-1.

Digi 7 sets DIGIpeat ON, DIGI-SWAP (call substitution), DIGI-NOT-OWN (don't digi your own packets), and DIGI-ONCE (don't digi the same packet more than once).

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

29. [propnet] Re: HOP1-1 *and* QSL1-1?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Fri, 30 Jul 1999 18:21:26 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32252-1999.07.30-17.30.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Perfect. This was the information that I was looking for. I wanted to
know how to setup a Paccomm-ROM TNC for use as a WIDEn-n digi...and you
answered that. Thanks!

I'm going to have to buy a 1270 and a Paccomm ROM to experiment with. I
know where to get the 1270...how does one get their credit card to get a
Paccomm ROM to appear? :o)
-= ev =-

Earl Needham wrote:
>
> At 11:30 PM 7/29/99 -0400, Evhen Tupis (W2EV) sent:
> <snip>
> >What are the commands to set the Paccomm TNC into a mode of digipeating
> >WIDEn-n packets with an alias of QSL, rather than WIDE?
>
>   Ev, it strikes me that I may have misunderstood your question.
>
>   What you can do with the PacComm firmware is do the following lines:
>
> MYALIAS HOP1-1
> My1 QSL1-1
> My2 (short grid square)
> My3 (long grid square)
> DIGI 7
>
>   This will make the TNC digi anything it hears that's addressed to HOP1-1, QSL1-1, DM84 (for my
 station), or DM84jk (for my station). The gridsquare info should be changed to wherever the station
REALLY is.
>
>   Of course, MY2 and MY3 can be other things -- CLOVIS, NM, EARL, $, etc...whatever. The
important ones are HOP1-1 and QSL1-1.
>
>   Digi 7 sets DIGIpeat ON, DIGI-SWAP (call substitution),
> DIGI-NOT-OWN (don't digi your own packets), and DIGI-ONCE (don't digi the same packet more than once).
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

30. [propnet] Re: HOP1-1 *and* QSL1-1?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 30 Jul 1999 17:28:38 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32265-1999.07.30-18.38.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:21 PM 7/30/99 -0400, Evhen Tupis (W2EV) sent:
>Perfect. This was the information that I was looking for. I wanted to
>know how to setup a Paccomm-ROM TNC for use as a WIDEn-n digi...and you
>answered that. Thanks!

Well -- maybe. I think we may not be communicating 100% accurately.

The PacComm firmware will receive a packet like this:

K2EV>EM84JK,HOP1-1:$

And it will then send it out like this:

K2EV>EM84JK,KD5XB*:$

It absolutely will NOT do WIDEN-n, you can only "fool" it into digipeating packets that look "right".

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---

31. [propnet] Hammering away on 2m

From: K7LU@arrl.net (Scott E. Parker K7LU)
Date: Sat, 31 Jul 1999 21:42:04 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32395-1999.07.31-20.50.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

K7LU/4 is up and running on147.585. There is yet a little bit of work to do before going into full meteor mode.

Here's the present setup:

The old 2m that was pressed into service has some limitations. The rx sensitivity seems not to be the greatest. Also, the high power mode is gone. It's supposed to be a 5/25 Watt rig, but I get 7.5 in both high and low power positions. The antenna is a 5/8 wave some 25' or so above ground. (But if you use a short averaging radius, that comes out to about 0 HAAT.) RF improvements are obviously warranted, but are unlikely to happen before the Perseids peak :^(

For the time being I am on the air in standard client node mode, identifying as K7LU-2 and beaconing every 1 minute. In order up my beaconing frequency I need to change TNCs and that will happen as soon as I get 15 minutes free with a soldering iron. Some connectors need changing.

That's more or less all you can expect from me from the DC area on 2, but....

If all goes well, I'm gonna have the west coast on the air too!

Three of my children have been getting spoiled at the hands of my parents for quite a while and on the 14th I'm going out there to reclaim them. If nothing else, I can have something on the air the night of the 14th, but that is post peak. But I'm hoping that between my daughter (KD7END) and other hams I know in the area, we can get a station on the air before that. Coordinating such an effort from a distance is going to be complicated by the fact that I will be away from home most of the time until then. The station will be near Portland, OR. Eyeballing the map I see that KD5XB is near optimum distance, although I'm not sure about the path geometry. Wish us luck!

73, -SEP

+=+
 Scott E. Parker   K7LU   K7LU@arrl.net   http://www.qsl.net/k7lu

---
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August 1999

Original source file: propnet.9908
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9908

1. [propnet] Site Update

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 01 Aug 1999 23:43:49 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32541-1999.08.01-22.54.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those interested, I've updated the PropNET website with a screenshot
from an Es (sporadic-E) opening that was caught by Tate (KC7ZRU) on
144.39-MHz. Yet another example that the PropNET principle works, even
on a network frequency that isn't designed for long-haul communications
(the 2-meter APRS frequency).

Check it out...hit the PropNET website and select "Things You Missed",
then look for the "Wyoming to North Georgia" link.

Ev, W2EV

Is everyone gettin ready for the Perseids this year?

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] test -- ignore

From: "Scott E. Parker" <sparker@ieee.org>
Date: Mon, 02 Aug 1999 17:48:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32670-1999.08.02-17.11.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

test

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] KPC3 firmware

From: "Carter Cogle" <ccogle@bellatlantic.net>
Date: Mon, 2 Aug 1999 18:48:58
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32681-1999.08.02-18.58.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi:
I'd like to upgrade my KPC3 with Ver 5 firmware to something more current,
(it can't be upgraded to 8.3). If you have upgraded and have version 6.0
through 8.2 firmware you no longer need, let me know what you have and
let's make a deal.
Thanks,
Carter
K4ARO

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: [aprssig] Site Update

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Mon, 02 Aug 1999 20:50:13 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-32691-1999.08.02-19.59.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Tate!
You just brought to my attention the fact that the greeceny.com site
must go away. :o) I should have mentioned that the PropNET website is
now: http://www.RochesterNY.org/PropNET

By the way...thanks for forwarding your log file. V-e-r-y cool stuff

for sure.
-= Ev, W2EV =-

Tate wrote:
>
> Too cool!
>
> I still get a chill when I remember seeing that log. Thanks for the mention!
>
> One caveat, I can't seem to find the link for "Things you Missed" let alone
> the screen shot you mention. I visited: http://greeceny.com/propnet/ hit all
> the links I could find. No joy.
>
> I'll try again later. More FWI than anything else.
>
> Later!
>
> 73 de Tate
>
> "Evhen Tupis (W2EV)" wrote:
> >
> > For those interested, I've updated the PropNET website with a screenshot
> > from an Es (sporadic-E) opening that was caught by Tate (KC7ZRU) on
> > 144.39-MHz. Yet another example that the PropNET principle works, even
> > on a network frequency that isn't designed for long-haul communications
> > (the 2-meter APRS frequency).
> >
> > Check it out...hit the PropNET website and select "Things You Missed",
> > then look for the "Wyoming to North Georgia" link.
> >
> > Ev, W2EV
> >
> > Is everyone gettin ready for the Perseids this year?
> > Subscribe to the PropNET listserve on TAPR. Low traffic, high quality.
> > :o)
> >
>
> --
>   KC7ZRU | In Laramie Area
>   Laramie, WY | UARC Repeater
>   DN71eh | 146.610
>   "The Dungeon" online at http://www.cyberhighway.net/~tateb

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Re: [aprssig] Perseids Ad :o)

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 02 Aug 1999 21:17:12 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org
Message-ID: <LYR1548-32713-1999.08.02-22.26.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:10 PM 8/2/99 -0400, Evhen Tupis (W2EV) wrote:
<SNIP>
>PATHS: Set your UNPROTO to HOP1-1. This will allow Kantronics equipped
>stations to attempt a single QSL-digipeat of your received packet. If
>you have the ability to send two different packets, with different
>UNPROTO's, then set the second UNPROTO to QSL1-1.

        Somebody correct me if I'm wrong -- but won't the PacComm firmware allow you to do this by using
 the LTEXT (manually set to $) and LPATH (set to GRIDSQUARE VIA QSL1-1)?

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] frequency used

From: "KC5GOI" <kc5goi@kc5goi.net>
Date: Sat, 7 Aug 1999 11:02:58 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33242-1999.08.07-11.10.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone. I am fixing to setup a tnc on my station to listen to the 6
meter activity. This will be on a RX only basis right now. I may try to
come up with a 6 meter radio for TX on packet later. I vaguely remember
that 52.?? is being used. can someone fill in the ?? for me?

73, Guy Story
kc5goi@kc5goi.net
http://www.kc5goi.net
940.243.0754

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] Re: frequency used

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 07 Aug 1999 12:48:56 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33243-1999.08.07-11.58.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Guy,
On 6-meters, we're on 53.53 (almost exactly 1-mhz above the national FM calling
frequency of 52.525).

W2AAA-6 will be going to MS mode on the 10th (transmissions every 10-seconds).

-= Ev, W2EV =-

KC5GOI wrote:

> Hello everyone. I am fixing to setup a tnc on my station to listen to the 6
> meter activity. This will be on a RX only basis right now. I may try to
> come up with a 6 meter radio for TX on packet later. I vaguely remember
> that 52.?? is being used. can someone fill in the ?? for me?
>
> 73, Guy Story
> kc5goi@kc5goi.net
> http://www.kc5goi.net
> 940.243.0754
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] Re: frequency used

From: sonic <sonic@pcom.net>
Date: Sat, 07 Aug 1999 13:05:01 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33244-1999.08.07-12.13.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:02 8/7/99 -0500, you wrote:
>Hello everyone. I am fixing to setup a tnc on my station to listen to the 6

>meter activity. This will be on a RX only basis right now. I may try to
>come up with a 6 meter radio for TX on packet later. I vaguely remember
>that 52.?? is being used. can someone fill in the ?? for me?

53.530 is the freq I believe.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Another tropo band opening

From: "Ben Pollard" <ben@classicbrews.com>
Date: Sun, 8 Aug 1999 10:27:37 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33324-1999.08.08-10.37.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have another topo band opening going on in OK, WTX and NM. Seeing stations
from OK, AZ, SWTX, and E KS now.

73,
Ben
WS5R
DM95cf

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: Another tropo band opening

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 08 Aug 1999 10:05:31 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33326-1999.08.08-11.15.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:27 AM 8/8/99 -0500, Ben Pollard sent:
>Have another topo band opening going on in OK, WTX and NM. Seeing stations
>from OK, AZ, SWTX, and E KS now.
>
>73,
>Ben
>WS5R
>DM95cf

        Thanks, Ben -- I must have missed it, although you're getting into Clovis pretty easily.
        I'm having a bit of a problem -- Melroz only digipeats my signal intermittently. I'm not sure
if the problem is mine or the digi...

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Re: Another tropo band opening

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 08 Aug 1999 10:39:02 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33357-1999.08.08-11.51.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:05 AM 8/8/99 -0600, Earl Needham sent:
<snip>
>   I'm having a bit of a problem -- Melroz only digipeats my
>signal intermittently. I'm not sure if the problem is mine
>or the digi...

        At any rate, back to 147.585 for MS...

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] re: Melroz

From: Earl Needham <needhame@yucca.net>
Date: Sun, 08 Aug 1999 13:02:37 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33363-1999.08.08-14.12.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben, your address of classicferm@fiaa.net bounced. See the headers at the very bottom of this page.

At 12:42 PM 8/8/99 -0500, Ben Pollard sent:
>Hi Earl,
>Are they running a new KPC3+ on Melroz yet or is it still an older MFJ?

        It's an MFJ with the PacComm firmware, unless they changed it in the last 6 weeks or so. Works OK, for most, but I think my rig is 1.8 or so low, thus doesn't get in. It worked great before they changed out the digi a couple of months ago, though...

        Thanks,
        Earl

_____
The original message was received at Sun, 8 Aug 1999 12:46:30 -0600 (MDT)
from yucca71.etsc.net [207.78.25.243]

   ----- The following addresses had permanent fatal errors -----
<classicferm@fiaa.net>

   ----- Transcript of session follows -----
... while talking to imail.fiaa.net.:
>>> RCPT To:<classicferm@fiaa.net>
<<< 550 unknown user <classicferm@fiaa.net>
550 <classicferm@fiaa.net>... User unknown
Reporting-MTA: dns; intergate.etsc.net
Received-From-MTA: DNS; yucca71.etsc.net
Arrival-Date: Sun, 8 Aug 1999 12:46:30 -0600 (MDT)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

13. [propnet] MS experiment reveals E. Coast tropo

From: K7LU@arrl.net (Scott E. Parker   K7LU)
Date: Sun, 8 Aug 1999 15:24:34 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33367-1999.08.08-14.33.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings all:

I have been running in the MS mode on 2m for over a week. I came home yesterday after being away nearly one week to a surprise. The TNC had heard someone on 147.585. There was one call on the list, N4JJ. Being on a rather intense travel schedule, I had not paid enough attention to my setup. In particular, I discovered that the clock in the TNC had not been set and the mheard list was not time stamped. I thought this might be a local, but the CBA of N4JJ shows South Carolina. (But can you can't always believe someone's CBA. Mine is in Oregon, quite a way removed from northern Virginia where I really reside at the moment.) Also, I hadn't had the terminal on, so nothing got logged. So, maybe it was for real, but who knows......

Until this morning just before 8:00. A packet from N4JJ pops up on the screen. A connected packet. And the other call also has a South Carolina CBA. Then, I start seeing more and more of N4JJ, enough to discover that N4JJ is a PacketCluster. I see a logon message indicating "Swamp Fox" or something of the sort Cluster. I copy lotsa stuff. I didn't get a look at the signal characteristics, but from distance and time of day, I'm guessing that it was tropo. Opening lasted a good hour.

Conclusions

1. While not PropNET, per say, this is an example of a packet band opening
warning. The basic ingredients are there (Cluster likely has a hub type RF
setup, transmits frequently.)

2. There is at least one other user of 147.585 in the country, a
PacketCluster somewhere in S. Carolina. (Also, I heard local voice traffic
on the frequency last night, but I was all the while beaconing and they
were apparently unperturbed by me.)

BTW, I now have the time stamping on. I really wish I knew if the previous
logging of N4JJ was also in the morning.

73, -SEP   K7LU/4 Fairfax, VA

+=+
 Scott E. Parker   K7LU   K7LU@arrl.net   http://www.qsl.net/k7lu

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

14. [propnet] MS "mode"

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 08 Aug 1999 22:11:23 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: meteor-scatter@qth.net
Message-ID: <LYR1548-33406-1999.08.08-23.21.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Been running in full "MS Mode" on APRS on 147.585 for several days now, mostly from around 6 PM to
around 9 PM local. I'm running open squelch, and no speaker, so I don't know if there have been any
weak signals or not, and I'm transmitting with 30 watts FM. Sound difficult? Check this out --

        A few years ago, I was trying MOBILE MS on six meters! Around 2 AM, while sitting in my car out
 in the NM desert, I made a quick announcement --

        "KILO DELTA FIVE X-RAY BRAVO, DELTA MIKE EIGHTY-FOUR, BREAK"

        A voice came out of my rig! "KILO DELTA FIVE X-RAY BRAVO"

        And that's all I heard. The signal was S9++ until the ping was over. This was on 50.125 USB, I
 was using about 120 watts to a Comet CA-HV.
        I never did find out who it was on the other end, and I'd really like to know. Any ideas?

        Oh yeah, try 147.585 with APRS. This might be pretty neat!

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] Re: MS "mode"

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 08 Aug 1999 22:18:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: meteor-scatter@qth.net
Message-ID: <LYR1548-33407-1999.08.08-23.28.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:11 PM 8/8/99 -0600, Earl Needham wrote:
>
>   Been running in full "MS Mode" on APRS on 147.585 for several days now, mostly from around 6 PM
to around 9 PM local.

        Make that 6 PM to 9 AM!

<snip>
>   Oh yeah, try 147.585 with APRS. This might be pretty neat!

        My point being that -- when the rocks work, you may not need too much power.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] Announcement!

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Tue, 10 Aug 1999 22:40:24 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33676-1999.08.10-21.50.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The major magazines are interested in PropNET! Expect to see an article
to appear in time for the November Leonids.

What we need is reported participation in the Perseids. Please, get
fired up and report your activity. I may even showcase a couple of our
successes in a follow-up article (which they've asked about too).

When you have success, be sure to include the following informaion about
YOUR station:

Your Gridsquare
Sample packet transmission YOU sent
Transmission Rate of YOUR station
YOUR transmitter power output
YOUR antenna type (and direction it was pointing, if directional)
BAND you operated on (6-meters [53.53] or 2-meters [147.585])
Transmissions you received (who did you hear, and what was their grid)
Any other info you think is pertinent, too.

Thanks!
Ev, W2EV
--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] 147.585

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 11 Aug 1999 08:48:56 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33746-1999.08.11-09.58.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Still running in "full MS" mode with WinAPRS on 147.585, 24 hours a day. Heard nothing so far, although
a report on the WSVHF list indicates many good pings this morning.

Anybody else trying? Ev? Scott? Ben? Others?

I'd expect we should hear something or forget it for this year within the next several days...

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Re: 147.585

From: Glenn Anderson <wb5tuf@mindspring.com>
Date: Wed, 11 Aug 1999 12:00:22 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33751-1999.08.11-11.09.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am up and running here in the Atlanta area. Nothing heard so far....

Glenn WB5TUF

Earl Needham wrote:

> Still running in "full MS" mode with WinAPRS on 147.585, 24 hours a day. Heard nothing so far, although a report on the WSVHF list indicates many good pings this morning.
>
> Anybody else trying? Ev? Scott? Ben? Others?
>
> I'd expect we should hear something or forget it for this year within the next several days...
>
> 7 3
> Earl
>
> Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: wb5tuf@mindspring.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Re: 147.585

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 11 Aug 1999 13:32:21 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33760-1999.08.11-12.41.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lots of tropo from packet BBS's on the channel, but no MS returns, yet. I go into full mode tonight. 200-watts, 4-elements. Expect the best burns over the next 48-hours.
-= Ev =-

Earl Needham wrote:

> Still running in "full MS" mode with WinAPRS on 147.585, 24 hours a day. Heard nothing so far, although a report on the WSVHF list indicates many good pings this morning.
>
> Anybody else trying? Ev? Scott? Ben? Others?
>
> I'd expect we should hear something or forget it for this year within the next several days...
>
> 7 3
> Earl
>
> Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

20. [propnet] Let's GO! Perseids!

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 11 Aug 1999 13:38:06 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-33761-1999.08.11-12.47.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The peak will occur overnight on August 12th. If you must limit your activity, then spend your time participating then.

Otherwise...I am now up and running on 53.530-MHz without letup through the morning of the 14th. I will be on 147.585-MHz in full MS mode starting tonight at 11:00 pm eastern,
running through the morning of the 14th as well.

Fire-up those stations...the game is afoot! :o)

-= Ev, W2EV =-

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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21. [propnet] MS coast to coast

From: K7LU@arrl.net (Scott E. Parker K7LU)
Date: Wed, 11 Aug 1999 19:57:42 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33805-1999.08.11-19.06.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Running MS mode on 147.585 from Fairfax, VA, K7LU-2, 24 hrs. Only seen tropo from the south so far. The setrup here is not the greatest, but I'm on.

Now for the west coast.....

If all goes well, I arrive PDX tomorrow night. We'll be late getting on. It'll be at least 2230 PDT before we're on the air. The station there should be better than what I'm running here, if all goes well. Hopefully, we'll be on more or less continuously until Saturday morning.

Now, I'd like to hear from Perseids experts - how much advantage is it going to be to use the shortest possible callsign? I'm guessing that a 2x3 won't be at much disadvantage compared to a 1x2. Is that right? (It sure wouldn't be if this was CQWW :^) THe motivation for my question is that I think we'll be using KD7END rather than K7LU from Oregon.

73, -SEP

+=+
Scott E. Parker K7LU K7LU@arrl.net http://www.qsl.net/k7lu

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

22. [propnet] Re: MS coast to coast

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Thu, 12 Aug 1999 06:39:51 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33867-1999.08.12-05.49.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Scott,
You are correct when you say there is little advantage to using a 1x2 callsign over using a 2x3 callsign. Most of the time taken by PropNET packet transmission is in the TXDELAY (waiting for the TX to kick-in before doing and transmitting).

I'm hearing a lot of tropo too. No MS so far...but the best time is tonight. I'm hearing that even the SSB/CW folks aren't overwhelmed with returns yet either. Don't give up hope. We know this works (it's been done a lot in the past quite successfully).

-= Ev, W2EV =-
[FN03XD]

W2EV-2 = 2-meters @ 200 watts on 147.585-MHz, ID every 10-seconds
W2AAA-6 = 6-meters @ 100 watts on 53.530-MHz, ID every 10-seconds

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
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in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

23. [propnet] Who's on?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Thu, 12 Aug 1999 06:46:59 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33868-1999.08.12-05.56.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Who is activating on 147.585?
Who is activating on 53.53?

It would be helpful to know who you are, your power, and gridsquare to
help those participants who have beam antennas to point them in useful
directions.

Ev, W2EV
--
Project: PropNET is . . .
the great self-running propagation experiment!
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http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

24. [propnet] Re: Who's on?

From: JULIUS GRESHAM <k4min@worldnet.att.net>
Date: Thu, 12 Aug 1999 08:26:21 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33880-1999.08.12-07.33.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been monitoring 147.585 for the last 48 hours in el 88, Tampa, FL.
Running 55 watts. Have not heard anything, so I going back to 144.39.
73, "J"

Evhen Tupis (W2EV) wrote:
>
> Who is activating on 147.585?
> Who is activating on 53.53?
>
> It would be helpful to know who you are, your power, and gridsquare to
> help those participants who have beam antennas to point them in useful
> directions.
>
> Ev, W2EV
> --
> Project: PropNET is . . .
> the great self-running propagation experiment!
> Configure Automatic Position Reporting System (APRS [tm])
> software to plot propagation anomolies (including Meteor Events)
> in near real-time!
>
> http://www.RochesterNY.org/PropNET

>
> To join the PropNET Listserve, send an email to:
> mailto:listserv@tapr.org with a MESSAGE-text of:
> subscribe propnet First_name Last_name
>
> ---
> You are currently subscribed to propnet as: k4min@worldnet.att.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

25. [propnet] Re: Who's on?

From: William Owens <wowens@dpnet.net>
Date: Thu, 12 Aug 1999 08:30:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33883-1999.08.12-07.39.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff, KB2WQM FM29oe, New Jersey was on 147.585, heard him here in Maryland
FM29bn. Think he was using 200w, listening all night didn't hear anything
else.

Will Owens
N3ZLL

JULIUS GRESHAM wrote:

> I've been monitoring 147.585 for the last 48 hours in el 88, Tampa, FL.
> Running 55 watts. Have not heard anything, so I going back to 144.39.
> 73, "J"
>
> Evhen Tupis (W2EV) wrote:
> >
> > Who is activating on 147.585?
> > Who is activating on 53.53?
> >
> > It would be helpful to know who you are, your power, and gridsquare to
> > help those participants who have beam antennas to point them in useful
> > directions.
> >
> > Ev, W2EV
> > --
> > Project: PropNET is . . .
> > the great self-running propagation experiment!
> > Configure Automatic Position Reporting System (APRS [tm])
> > software to plot propagation anomolies (including Meteor Events)
> > in near real-time!
> >
> > http://www.RochesterNY.org/PropNET
> >
> > To join the PropNET Listserve, send an email to:
> > mailto:listserv@tapr.org with a MESSAGE-text of:
> > subscribe propnet First_name Last_name
> >
> > ---
> > You are currently subscribed to propnet as: k4min@worldnet.att.net
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
> ---
> You are currently subscribed to propnet as: wowens@dpnet.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

26. [propnet] RE: Who's on?

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 12 Aug 1999 07:58:59 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33888-1999.08.12-08.10.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WA1LOU-2, FN31mp, 180 watts. On from approximately 2000 EDST Wednesday to 0500 EDST Thursday. Heard one
local, no DX. I will do it again tonight.

Stan, WA1LOU

-----Original Message-----
From: Evhen Tupis (W2EV) [mailto:PropNET@greeceny.com]
Sent: Thursday, August 12, 1999 6:47 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Who's on?

Who is activating on 147.585?
Who is activating on 53.53?

...

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

27. [propnet] Who's on

From: "Carter Cogle" <ccogle@bellatlantic.net>
Date: Thu, 12 Aug 1999 8:33:44
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33897-1999.08.12-08.42.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi:
My station, located in FM17he, has been on 147.585 since Sunday, running 25
watts into a 3 el beam aimed NE. Wednesday night the power was increased to
150 watts. ("Daytime" power is still 25 watts, due to TVI-front end
overload/desense). Power tonignt (Thu) will be 150 watts.
KPC-3, v.8.2 firmware. I've heard nothing to date, but plan to operate the
station through Friday.
Carter
K4ARO

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

28. [propnet] I'm on!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 12 Aug 1999 07:45:32 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33900-1999.08.12-08.55.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm operating on 147.585 from DM84. So far,, nothing to report. Power is only 30 watts, so you may
hear me and you may not. But I'm sure hoping to hear someone!

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

29. [propnet] Re: Who's on?

From: K7LU@arrl.net (Scott E. Parker   K7LU)
Date: Thu, 12 Aug 1999 11:19:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33915-1999.08.12-10.29.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

K7LU-2 on 147.585 from FM18ht. Only about 6-7W omni.

And if all goes well....

KD7END-2 also on 147.585 from CN85je starting late tonight until Saturday
morning. Should be 25 - 30 W omni (unless some local comes through with
gain. The plea has been made, but at this point, I'm not holding my
breath.)

73, -SEP

```
+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+
 Isabel J. Robledo-Parker     +1-703-830-6322     Coky@Robledo.com



---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

30. [propnet] Re: Who's on?

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 12 Aug 1999 16:25:51 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33948-1999.08.12-15.35.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
No, don't go just yet.  The peak is tonight!
-= Ev =-


JULIUS GRESHAM wrote:

> I've been monitoring 147.585 for the last 48 hours in el 88, Tampa, FL.
> Running 55 watts.  Have not heard anything, so I going back to 144.39.
> 73, "J"
>
> Evhen Tupis (W2EV) wrote:
> >
> > Who is activating on 147.585?
> > Who is activating on 53.53?
> >
> > It would be helpful to know who you are, your power, and gridsquare to
> > help those participants who have beam antennas to point them in useful
> > directions.
> >
> > Ev, W2EV
> > --
> > Project: PropNET is . . .
> > the great self-running propagation experiment!
> > Configure Automatic Position Reporting System (APRS [tm])
> > software to plot propagation anomolies (including Meteor Events)
> > in near real-time!
> >
> > http://www.RochesterNY.org/PropNET
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> > To join the PropNET Listserve, send an email to:
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> > subscribe propnet First_name Last_name
> >
> > ---
> > You are currently subscribed to propnet as: k4min@worldnet.att.net
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org


---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

31. [propnet] Who's On

From: "Charles L. Alfano" <calfano@worldnet.att.net>
Date: Thu, 12 Aug 1999 16:28:15 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33949-1999.08.12-15.38.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
To all,

           I'm on 7x24  100 w 53.53mhz be every 10 [9612/12 as gate to
2]. Grid FN30DR.


73
Charlie
WA2GUG
Nassau County, LI, NY
```

--
[Attachment: calfano.vcf; text/x-vcard; 208 bytes]

32. [propnet] Perseids Peak Tonight

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Thu, 12 Aug 1999 22:00:43 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-33980-1999.08.12-21.11.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now's the time to fire-up!

Our narrow-band breatherin are already berating this event (not many
rocks). I remember similar comments last year.

Could it be that the Perseids are fading away, or are they fading just
before storming? No way to tell, unless you fire up.

Join-in on the fun.
Ev, W2EV

W2EV-2 on 147.585 @ 200 watts
W2AAA-6 on 53.53 @ 100 watts
Beacon Every 10-seconds
--
Project: PropNET is . . .
the great self-running propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

33. [propnet] Re: Perseids Peak Tonight

From: sonic <sonic@pcom.net>
Date: Thu, 12 Aug 1999 23:23:44 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34026-1999.08.12-22.33.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 22:00 08/12/1999 -0400, you wrote:
>Now's the time to fire-up!

Been hearing stuff, but its all too weak to decode......(Listening 147.585)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

34. [propnet] Rocks :-(

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 13 Aug 1999 00:53:59 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34106-1999.08.13-02.04.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just returned from the countryside where I tried to watch the meteors and try some random MS contacts.
No joy -- in 2 hours I saw about 7 or 8 meteors. Only heard one other station, on a VERY short ping.
Sounded like he was in CN10, but callsign was cut off.

Poor results here.

It always amazes me that there are so few people doing MS work. Whenever I see a meteor, I have
to wonder why I don't hear someone calling or get an answer to my call. Perhaps it has to do with the
geometry of transmitting and receiving stations and where the meteor trail is?

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

35. [propnet] Re: [WSVHF] Rocks :-(

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 13 Aug 1999 01:04:15 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34109-1999.08.13-02.14.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:53 AM 8/13/99 -0600, Earl Needham wrote:
>
>   Just returned from the countryside where I tried to watch the meteors and try some random MS
contacts. No joy -- in 2 hours I saw about 7 or 8 meteors. Only heard one other station, on a VERY
short ping. Sounded like he was in CN10, but callsign was cut off.

        And after looking at a map, CN10 looks like a mighty wet square -- hope he was on a ship! <G>

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

36. [propnet] PropNETers: check your MHEARD lists

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Fri, 13 Aug 1999 07:01:01 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34122-1999.08.13-06.12.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It has come to my attention that I wasn't as clear as I needed to be in
handing out MS directions (this was my first attempt, cut me some slack
<smile>).

Some stations are using a packet format of:
W2AAA-2>FN03XD,HOP1-1:G omitting the []'s around the G. Although this
decodes ok in WinAPRS, is may not decode if you are using any other
version of the software.

If you don't see any icons, check your MHEARD list and see if any DX was
logged by the TNC but not displayed by your software.

Just a "heads-up".
Ev, W2EV

--
Project: PropNET is . . .
the great self-running propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

37. [propnet] [Fwd: PropNETers: check your MHEARD lists]

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Fri, 13 Aug 1999 07:06:23 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34123-1999.08.13-06.16.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

DUH! I goofed again. I refered to the posit as missing "[]" around the
G. Of course, I meant to say it was missing the "][" around the G.

A properly formatted (decodable by all versions of APRS except palmAPRS)
2-meter PropNET packet looks like this:

W2AAA-2>FN03XD,HOP1-1:]G[

Ev, W2EV

38. [propnet] kantronics tnc settings

From: "Jeff Griffin" <kb2wqm@cyberenet.net>
Date: Fri, 13 Aug 1999 07:44:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34126-1999.08.13-06.53.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

good morning from SNJ. Nothing heard here (FM29pe) last night or night
before on 145.585. Has anyone heard any activity on 6m? I don't use my
kantronics tnc's much, other then APRS, and I wasn't sure if there was a way
to turn off carrier detect, of course there is.....
    cd software
this will allow the tnc's firmware to look for data only activity on
channel before transmitting. This is better for weak signal detection. The
default is cd internal which will allow shared voice and data on same
channel, and a quiet squelch setting on the radio. Anyway I didn't see this
mentioned on the SIG the last two days since I joined so I thought I would
pass it along.

73 Jeff kb2wqm

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

39. [propnet] RE: Perseids Peak Tonight

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Fri, 13 Aug 1999 07:36:28 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34135-1999.08.13-07.48.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WA1LOU-2 on 2100 EDST Thursday to 0700 EDST Friday on 147.585 MHz. Heard 1 local and no MS DX.

Stan, WA1LOU

-----Original Message-----
From: Evhen Tupis (W2EV) [mailto:PropNET@greeceny.com]
Sent: Thursday, August 12, 1999 10:01 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Perseids Peak Tonight

Now's the time to fire-up!

Our narrow-band breatherin are already berating this event (not many
rocks). I remember similar comments last year.

Could it be that the Perseids are fading away, or are they fading just
before storming? No way to tell, unless you fire up.

Join-in on the fun.
Ev, W2EV

W2EV-2 on 147.585 @ 200 watts
W2AAA-6 on 53.53 @ 100 watts
Beacon Every 10-seconds
--
Project: PropNET is . . .
the great self-running propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: STAN_HORZEPA@ADC.COM
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

40. [propnet] Rocks?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 13 Aug 1999 08:03:40 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34143-1999.08.13-09.16.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received ONE partial packet overnight:

&JmF-1> p[6-6:

Looks like that's about all I'm gonna get.
Running APRS on 147.585 FM. Admittedly there are better setups, but APRS sounds interesting for
MS.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

41. [propnet] nothing heard

From: "Carter Cogle" <ccogle@bellatlantic.net>
Date: Fri, 13 Aug 1999 9:44:7
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34152-1999.08.13-09.53.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi:
I sent more than 21,000 packets on 147.585 since Sunday, received zero.
Carter
K4ARO

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

42. [propnet] Re: Rocks?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 13 Aug 1999 09:01:18 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34155-1999.08.13-10.11.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:03 AM 8/13/99 -0600, Earl Needham sent:
>
> I received ONE partial packet overnight:
>
>&JmF-1> p[6-6:

Looking at this packet makes me ask -- is someone using a path of HOP6-6?

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

43. [propnet] Activity from Oregon

From: Parker <K7LU@arrl.net>
Date: Fri, 13 Aug 1999 08:11:53 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34157-1999.08.13-10.20.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KD7END was on 147.585 just before midnight PDT. Murphy was in the works, however. We had hoped for more power but at the last minute I was unable to bring the amp. I didn't bring the wattmeter either, but I think we were only about 5W. There's no computer hooked to the TNC, so we haven't been able to see yet what we heard. We're probably better at hearing than being heard. We'll be on again tonight. 73 de K7LU, KD7END at our CBA.

P.S. I'm not getting the list while I'm here. If anyone gets it in digest form, you might forward a copy to K7LU@hotmail.com. I'm interested in results from last night that have been posted. 73, -SEP

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

44. [propnet] tonight

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Fri, 13 Aug 1999 10:30:38 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34162-1999.08.13-10.42.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dunno how many MS-packet stations were on 147.585 last night, but if there were not many on, that may be why we aren't having much success.

Tonight, I am just going to monitor 144.39 at my digi WA1LOU-15 and see what comes in DX-wise. With the constant high level of activity on 39, maybe I'll have some success there.

I'll let you know what happens.

Stan, WA1LOU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

45. [propnet] MS Success!

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Fri, 13 Aug 1999 19:24:46 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34202-1999.08.13-18.34.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a report that I got from the account that I use for my SSB/CW activity. Someone heard me! :o)

Ev, W2EV
FN03XD

46. [propnet] Interesting MS Reception

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Fri, 13 Aug 1999 19:30:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34203-1999.08.13-18.39.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I awoke this morning to find two icons on my 2-meter WinAPRS screen. Mine, and KB2WQM in FM29! This is well beyond normal tropo distance for my station (it's on the other side of the Appalaichin <sp?> mountains from me), and off the side of my beam! I have only one posit to show.

To me, this indicates a "backscatter" meteor contact. Tropo would have allowed many more packets to have made it.

Distance is approx 350 miles.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org

To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

47. [propnet] One more night?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Fri, 13 Aug 1999 19:34:06 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34204-1999.08.13-18.43.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will stay active on 147.585 and 53.53 overnight tonight, too. I'll pull the plug at 8:00 am (eastern) tomorrow (saturday). If you can stick it out for one more try, please do.

In retrospect, there is very little PropNET activity this year. There are only a dozen or so stations claiming activity, so the chance of success is low overall. Couple that with the dismal results from this event being reported by even the SSB/CW folks, it seems as though the Perseids are waning.

On the other hand...we had phenomenal success during last year's Leonids in November. The weather is colder and people start cocooning for the winter time. Set your sights on November! (but stay active tonight if you can).

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

48. [propnet] Re: tonight

From: "Ken Bell" <kenbell@cwnet.com>
Date: Fri, 13 Aug 1999 16:52:40 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34208-1999.08.13-19.05.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would like to ask a dumb question. On 144.39 is that fm or ssb? Tnx Ken
KC6BWO
kenbell@cwnet.com
-----Original Message-----
From: Horzepa, Stan <Stan_Horzepa@adc.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Date: Friday, August 13, 1999 8:36 AM
Subject: [propnet] tonight

>Dunno how many MS-packet stations were on 147.585 last night, but if there were not many on, that may be why we aren't having much success.
>
>Tonight, I am just going to monitor 144.39 at my digi WA1LOU-15 and see what comes in DX-wise. With the constant high level of activity on 39, maybe I'll have some success there.
>
>I'll let you know what happens.
>
>Stan, WA1LOU
>
>---
>You are currently subscribed to propnet as: kenbell@cwnet.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

49. [propnet] Re: One more night?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 13 Aug 1999 18:16:00 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34210-1999.08.13-19.26.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:34 PM 8/13/99 -0400, Evhen Tupis (W2EV) sent:
>I will stay active on 147.585 and 53.53 overnight tonight, too. I'll

>pull the plug at 8:00 am (eastern) tomorrow (saturday). If you can
>stick it out for one more try, please do.

        I'll be there -- I'm planning on staying active through at least Saturday night my time.

<snip>
>On the other hand...we had phenomenal success during last year's Leonids
>in November. The weather is colder and people start cocooning for the
>winter time. Set your sights on November! (but stay active tonight if
>you can).

        Can we plan on the same setup for then? 147.585, FM, etc...

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

50. [propnet] Re: Interesting MS Reception

From: "Jeff Griffin" <kb2wqm@cyberenet.net>
Date: Fri, 13 Aug 1999 20:49:47 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34216-1999.08.13-19.59.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Geez, all those electrons I was throwing out for two days and only one
contact! I'm glad someone got one anyway. I will be on tonight on 7.585. By
the way my setup is an 847, KAM98, 240 watts, into a KLM 2M22C sat beam
right hand polarized, pointing 270 az, 15 el. I'm running on 6m right now
but will switch over to 2m for the night. Then back on 6m for the weekend.

73 Jeff kb2wqm

----- Original Message -----
From: Evhen Tupis (W2EV) <PropNET@greeceny.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Friday, August 13, 1999 7:30 PM
Subject: [propnet] Interesting MS Reception

> I awoke this morning to find two icons on my 2-meter WinAPRS screen.
> Mine, and KB2WQM in FM29! This is well beyond normal tropo distance for
> my station (it's on the other side of the Appalaichin <sp?> mountains
> from me), and off the side of my beam! I have only one posit to show.
>
> To me, this indicates a "backscatter" meteor contact. Tropo would have
> allowed many more packets to have made it.
>
> Distance is approx 350 miles.
>
> Ev, W2EV
>
> ---
> You are currently subscribed to propnet as: kb2wqm@amsat.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

51. [propnet] adding insult to injury

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Fri, 13 Aug 1999 20:23:36 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34218-1999.08.13-20.10.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

T'was bad enough that I heard nothing for two nights on 147.585, this
evening I received email informing me that I was causing interference to
a voice repeater with an input of 147.600, 40 miles away!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

52. [propnet] Re: tonight

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Fri, 13 Aug 1999 21:08:56 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34224-1999.08.13-20.40.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FM

Ken Bell wrote:
>
> I would like to ask a dumb question. On 144.39 is that fm or ssb? Tnx Ken
> KC6BWO
> kenbell@cwnet.com
> -----Original Message-----
> From: Horzepa, Stan <Stan_Horzepa@adc.com>
> To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
> Date: Friday, August 13, 1999 8:36 AM
> Subject: [propnet] tonight
>
> >Dunno how many MS-packet stations were on 147.585 last night, but if there
> were not many on, that may be why we aren't having much success.
> >
> >Tonight, I am just going to monitor 144.39 at my digi WA1LOU-15 and see
> what comes in DX-wise. With the constant high level of activity on 39, maybe
> I'll have some success there.
> >
> >I'll let you know what happens.
> >
> >Stan, WA1LOU
> >
> >---
> >You are currently subscribed to propnet as: kenbell@cwnet.com
> >To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>
> ---
> You are currently subscribed to propnet as: STANZEPA@MAIL2.NAI.NET
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

53. [propnet] Re: adding insult to injury

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sat, 14 Aug 1999 01:01:33 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34281-1999.08.14-00.11.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Stan Horzepa wrote:
>
> T'was bad enough that I heard nothing for two nights on 147.585, this
> evening I received email informing me that I was causing interference to
> a voice repeater with an input of 147.600, 40 miles away!

OUCH! With a signal like that, who needs meteors? :o)
-= Ev =-

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

54. [propnet] Re: adding insult to injury

From: LEE ROGER WICAL <leewical@lava.net>
Date: Fri, 13 Aug 1999 19:19:44 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34283-1999.08.14-00.30.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

STAN:
        DID YOU OBTAIN A GRID SQ AND QSL?
LRW

At 08:23 PM 8/13/99 -0400, you wrote:
>T'was bad enough that I heard nothing for two nights on 147.585, this
>evening I received email informing me that I was causing interference to
>a voice repeater with an input of 147.600, 40 miles away!
>
>
>---
>You are currently subscribed to propnet as: leewical@lava.net
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>
        SORRY FOR A QUICK REPLY....BUT I'VE BEEN BUSIER THAT A JAPANESE SKYWRITER!
        AND I'M A MOUSE POTATO AS WELL. IF YOU DON'T UNDERSTAND THAT, ASK!
                                -...-
        "It is better to be prepared for an opportunity and not have one...
                than to have an opportunity...and not be prepared!"
        "THE TROUBLE WITH E-MAIL IS THAT.....YOU NEVER GET ANY PACKAGES...
                "NEVER HIRE A PLUMBER WHO WEARS...DEPENDS!!!!!"
        "...Be kind to your children....as they are the ones who pick out your
        nursing home!!!!"
                        Never, NEVER wise up a chump!
        "...Have you ever wondered if illiterate people get the full effect of
                        alphabet soup?"
        THINK ABOUT THOSE!!!!!
        And these.............
        Top 10 Personal Characteristics Employers seek:
        1. Honesty/Integrity   6. Interpersonal Skills
        2. Motivation/Initiative   7. A Strong Work Ethic
        3. Communications Skills   8. Teamwork Skills
        4. Self-Confidence   9. Leadership Skils
        5. Flexibility   10. Enthusiam
        Y2K compliant here!!!!!!!

        Provacateur and Boulevardier Extraordinaire, LEE.....

                For Alternative Energy Engineering try:
                        http;//www.asis.com/aee
                ORGANIZATION: DisapperInc.
        Try.....   http://www.gohawaii.com; www.visit.hawaii.org;
                        http:// www.state.hi.us/tourism(links)
        8/09/99

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

55. [propnet] last night

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 14 Aug 1999 10:21:06 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34331-1999.08.14-09.45.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Monitoring 144.39 MHz all night resulted in nothing here, but I might
have logged an MS packet between AB4CZ in Georgia and the WA2JNF-15 digi
in NYC. AB4CZ hit WA2JNF-15 direc tly before being digipeated to
WA1LOU-15. The AB4CZ-WA2JNF-15 hop is 730 miles.

Stan

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

56. [propnet] Re: adding insult to injury

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 14 Aug 1999 10:35:42 -0400

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34332-1999.08.14-09.45.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I dunno! The 40 miles is really line of sight - climb my tower and on a
clear day, I can see the mountain that repeater is on. On the other
hand, maybe the repeater receiver needs some work. In any case, I won't
be chasing rocks on 147.58 again!

"Evhen Tupis (W2EV)" wrote:
>
> Stan Horzepa wrote:
> >
> > T'was bad enough that I heard nothing for two nights on 147.585, this
> > evening I received email informing me that I was causing interference to
> > a voice repeater with an input of 147.600, 40 miles away!
>
> OUCH! With a signal like that, who needs meteors? :o)
> -= Ev =-
>
> ---
> You are currently subscribed to propnet as: STANZEPA@MAIL2.NAI.NET
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

57. [propnet] Re: adding insult to injury

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 14 Aug 1999 10:36:32 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34333-1999.08.14-09.45.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not yet, but I'm a little worried about receiving a QSL from the FCC!

LEE ROGER WICAL wrote:
>
> STAN:
>   DID YOU OBTAIN A GRID SQ AND QSL?
> LRW
>
> At 08:23 PM 8/13/99 -0400, you wrote:
> >T'was bad enough that I heard nothing for two nights on 147.585, this
> >evening I received email informing me that I was causing interference to
> >a voice repeater with an input of 147.600, 40 miles away!
> >
> >
> >---
> >You are currently subscribed to propnet as: leewical@lava.net
> >To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>   SORRY FOR A QUICK REPLY....BUT I'VE BEEN BUSIER THAT A JAPANESE SKYWRITER!
>   AND I'M A MOUSE POTATO AS WELL. IF YOU DON'T UNDERSTAND THAT, ASK!
>   -...-
>   "It is better to be prepared for an opportunity and not have one...
>   than to have an opportunity...and not be prepared!"
>   "THE TROUBLE WITH E-MAIL IS THAT.....YOU NEVER GET ANY PACKAGES...
>   "NEVER HIRE A PLUMBER WHO WEARS...DEPENDS!!!!!"
>   "...Be kind to your children....as they are the ones who pick out your
>   nursing home!!!!"
>   Never, NEVER wise up a chump!
>   "...Have you ever wondered if illiterate people get the full effect of
>   alphabet soup?"
>   THINK ABOUT THOSE!!!!!
>   And these.............
>   Top 10 Personal Characteristics Employers seek:
>   1. Honesty/Integrity   6. Interpersonal Skills
>   2. Motivation/Initiative   7. A Strong Work Ethic
>   3. Communications Skills   8. Teamwork Skills
>   4. Self-Confidence   9. Leadership Skils
>   5. Flexibility   10. Enthusiam
>   Y2K compliant here!!!!!!!
>
>   Provacateur and Boulevardier Extraordinaire, LEE.....
>

> For Alternative Energy Engineering try:
> http;//www.asis.com/aee
> ORGANIZATION: DisapperInc.
> Try..... http://www.gohawaii.com; www.visit.hawaii.org;
> http:// www.state.hi.us/tourism(links)
> 8/09/99
>
> ---
> You are currently subscribed to propnet as: STANZEPA@MAIL2.NAI.NET
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

58. [propnet] Re: adding insult to injury

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 14 Aug 1999 09:20:39 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34342-1999.08.14-10.38.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:36 AM 8/14/99 -0400, Stan Horzepa sent:
>Not yet, but I'm a little worried about receiving a QSL from the FCC!

Somehow I thought 15 KHz split was supposed to work OK. Might their receiver be a bit wide?

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

59. [propnet] This is the last night...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 14 Aug 1999 19:59:58 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34391-1999.08.14-21.10.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will be active on 147.585 tonight, for the last try during the Perseids. Hope to see SOMEBODY...<G>

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

60. [propnet] Six was open!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 14 Aug 1999 23:08:12 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34421-1999.08.15-00.18.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was out tonight trying one last time for meteors. Boy was I surprised! 50.125 sounded like 20 meters! It was wide open! N7DMO was really strong here.

I guess it's time to get something on six right here at the house...

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org

To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

61. [propnet] Two TNC's, two bands

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 01:09:59 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34432-1999.08.15-02.20.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have two TNC's here, one is a KISS-modified Heathkit HD-4040, the other is the MFJ with the PacComm firmware. I'd like to use the Heathkit on 2 meters and the MFJ on six.

Can I do this, using WinAPRS, with the "HF" port on six? Does this require anything special in the setup? I see WinAPRS has the capability to do "VHF" on one port and "HF" on the other...

Thanks,
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

62. [propnet] Re: Announcement!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 01:27:57 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34434-1999.08.15-02.38.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:40 PM 8/10/99 -0400, Evhen Tupis (W2EV) sent:
>The major magazines are interested in PropNET! Expect to see an article
>to appear in time for the November Leonids.

What are the dates for the Leonids? I expect to have six meters up and running here at the house by then.

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

63. [propnet] Secured from MS

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 09:12:50 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34457-1999.08.15-10.23.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've (finally <G>) secured from MS ops here in Clovis, NM. Back on 144.39.

I think I'm going to put my MFJ 1270B with the PacComm firmware over on 6 meters, and use my KISS-modified heathkit on 2 meters. Only thing is -- I'm not sure I can follow the suggestion of using KD5XB-2 on two meters and KD5XB-6 on 6 meters, if I use the same instance of WinAPRS, which I want to do. Any suggestions along that line?

Tnx es 7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

64. [propnet] Re: adding insult to injury

From: "Ben Pollard" <ben@classicbrews.com>
Date: Sun, 15 Aug 1999 10:26:19 -0500

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34459-1999.08.15-10.37.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, after a week and what we were going to use for vacation in a month, I
am back on the air. Was ready to go with the shower and my hard drive left
on tuesday. Finally got back on the air yesterday with a new 350.

Big thing is we do have a good tropo opening between WTX and AZ at this
time.

73,
Ben
WS5R
DM95cf

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

65. [propnet] Re: Secured from MS

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 15 Aug 1999 11:58:02 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34463-1999.08.15-11.07.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It looks like the Perseids just weren't very productive this year...for
anyone. I've moved back to 144.39 now, too.

As to the -# SSID, that is, of course, just a suggestion and nothing
more. The important thing is to be active if possible. It was hoped
that by standardizing on -6 for 6-meter use, someday "the authors" could
write a routine into their product to allow filtering by SSID. The idea
was that the 2-meter APRS channel and the 6-meter PropNET channel may
some day be linked. Unless there was some way to tell from which band a
signal originated, frustration could ensue.

For instance...if 6-meter PropNET and 2-meter APRS were linked in my
area...2-meter APRSers would see an icon for several stations near
them. If they attempted to digipeat through them, they would get no
response. That's because they're on 6-meters :o).

Of course, we have a long way to go before that becomes an issue (but I
hate being short-sighted during a planning phase of any project). The
biggest problem on 6-meters right now is the low number of
participants. Of course, that will change over time, but it's the fact
of life for today.

See 'ya on the bands!
-= Ev =-

Earl Needham wrote:
>
>   I've (finally <G>) secured from MS ops here in Clovis, NM. Back on 144.39.
>
>   I think I'm going to put my MFJ 1270B with the PacComm firmware over on 6 meters, and use my
KISS-modified heathkit on 2 meters. Only thing is -- I'm not sure I can follow the suggestion of using
KD5XB-2 on two meters and KD5XB-6 on 6 meters, if I use the same instance of WinAPRS, which I want to
do. Any suggestions along that line?
>
>   Tnx es 7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

66. [propnet] Re: Secured from MS

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 10:04:48 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34464-1999.08.15-11.16.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:58 AM 8/15/99 -0400, Evhen Tupis (W2EV) sent:
<snip>
>Of course, we have a long way to go before that becomes an issue (but I
>hate being short-sighted during a planning phase of any project). The
>biggest problem on 6-meters right now is the low number of
>participants. Of course, that will change over time, but it's the fact
>of life for today.

I'll be on 53.530 with 10 watts TODAY. I've already pulled the FT-690R2 from the car and I'm wiring it up now -- just took a quick break to check email.

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

67. [propnet] Re: Announcement!

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 15 Aug 1999 12:11:36 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34465-1999.08.15-11.21.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Your question has me thinking . . .
> What are the dates for the Leonids? I expect to have six meters up and running here at the house by then.

So many people reported a dirth of reflections during Perseids '99.
There was plenty of VHF SSB/CW activity, yet most people there were also complaining about the low success rate this year.

Is it possible that too many of us rely on "predicting software" as if it were fact? Several (but not many) VHF SSB/CW rock-chasers reported great success even though a majority of folks didn't. Wouldn't it have been interesting to find that the peak simply occured at a time when no one was activly persuing contacts? (a variation of the old: 'If a man says something and there is no woman around, is he still wrong?' thing)
<it's a joke, people>.

This is really the power of PropNET. One could leave a PropNET node functioning 24/7 and chart such stuff in real time.

On the down-side...summer is a crummy time to have a meteor shower :o).
Everyone is out doing other stuff...and the number of event-driven (as opposed to 24/7) PropNET participants was dismal; especially in comparison to the great turnout we had for Leonids '98.

Watch for articles promoting another MS event in conjunction with the November Leonids. Having more people active is a good thing. I'll go digging for the Leonids prediction and let folks know.

-= Ev =-

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

68. [propnet] I'm on six now

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 10:45:16 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34470-1999.08.15-11.55.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now operating on 53.530, FM. Would like everyone who is able to point this way and see if I might get something. <G>

Tnx es 7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

69. [propnet] Re: Announcement!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 10:51:41 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34472-1999.08.15-12.04.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:11 PM 8/15/99 -0400, Evhen Tupis (W2EV) sent:
<snip>
>'If a man says something and there is no woman around, is he still
>wrong?' thing) <it's a joke, people>.

And a darn good one, too.
Hey, don't most good jokes have a grain of truth in them? <G>

>This is really the power of PropNET. One could leave a PropNET node
>functioning 24/7 and chart such stuff in real time.

I've seen something in emergency communications that might work -- just get people equate OFF to the desired frequency. In the emergency comms, OFF was equal to the local simplex frequency. In Propnet's case, OFF would equal 53.530 or 147.585.

<snip>
>Watch for articles promoting another MS event in conjunction with the
>November Leonids. Having more people active is a good thing. I'll go
>digging for the Leonids prediction and let folks know.

How about the Kappa Cygnids on the 20th? Probably a minor shower, but take a look!

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

70. [propnet] TNC settings?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 11:08:05 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34475-1999.08.15-12.18.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After having used the MFJ/PacComm on two meters for quite some time, I thought I knew what settings to use. However, I notice that with the squelch open, the TNC holds off from transmitting for quite a long time.

Is there a different setting I need to use for six as opposed to two meters?

Thanks again,
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

71. [propnet] Space mode? Normal mode?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 12:13:57 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34480-1999.08.15-13.43.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just realized that I'm transmitting a full WinAPRS packet over on six meters. Is this the desired format? Or should I be in Space mode?

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

72. [propnet] I'm on six now also

From: "Jeff Griffin" <kb2wqm@cyberenet.net>
Date: Sun, 15 Aug 1999 20:29:46 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34526-1999.08.15-19.39.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm also going to be operating 24/7 on six meters for at least 1 week. Lets
see what happens. Just brought station up at 23:55 Z.

73 Jeff kb2wqm

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

73. [propnet] Re: Space mode? Normal mode?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 15 Aug 1999 20:59:38 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34530-1999.08.15-20.09.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
It's important that the packet format be as short as possible on the
PropNET frequency. Space Mode (WinAPRS) is excellent for this purpose.
Good catch!
-= Ev =-

Earl Needham wrote:
>
>   I just realized that I'm transmitting a full WinAPRS packet over on six meters. Is this the
desired format? Or should I be in Space mode?
>
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
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software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

74. [propnet] Re: I'm on six now also

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 15 Aug 1999 21:48:07 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34541-1999.08.15-20.58.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff,
That's great news. But in all fairness...we're heading away from the
"hot" time of the year for 6-meter operation. By all means stay active
as long as you can!

BTW...in a few days...I'm going to begin to document 6-meter nodes on
the website. Stand by for a request for active stations...but not right
now. I've got to get my "ducks in a row". I'm still trying to tabulate
active stations and successes from the Perseids.

-= Ev, W2EV =-

Jeff Griffin wrote:
>
> I'm also going to be operating 24/7 on six meters for at least 1 week. Lets
> see what happens. Just brought station up at 23:55 Z.
>
> 73 Jeff kb2wqm
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
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http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

75. [propnet] Re: TNC settings?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 15 Aug 1999 21:49:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34542-1999.08.15-21.00.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know that the Kantronics TNC's have a CD SOFTWARE setting that allows
you to operate with open squelch. I don't believe the MFJ/PacComm ROM
has that function...does it?
-= Ev =-

Earl Needham wrote:
>
>   After having used the MFJ/PacComm on two meters for quite some time, I thought I knew what
settings to use. However, I notice that with the squelch open, the TNC holds off from transmitting for
quite a long time.

>
>   Is there a different setting I need to use for six as opposed to two meters?
>
>   Thanks again,
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

76. [propnet] Re: Announcement!

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 15 Aug 1999 21:51:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34544-1999.08.15-21.01.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In reply to:
> >This is really the power of PropNET. One could leave a PropNET node
> >functioning 24/7 and chart such stuff in real time.

Earl said:
>   I've seen something in emergency communications that might work -- just get people equate OFF to the desired frequency. In the emergency comms, OFF was equal to the local simplex frequency. In Propnet's case, OFF would equal 53.530 or 147.585.

Wow. Neat idea. Now...how do we get people to think like that?

-= Ev =-

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

77. [propnet] Re: Space mode? Normal mode?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 20:15:04 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34549-1999.08.15-21.25.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:59 PM 8/15/99 -0400, Evhen Tupis (W2EV) sent:
>Hi Earl,
>It's important that the packet format be as short as possible on the
>PropNET frequency. Space Mode (WinAPRS) is excellent for this purpose.
>Good catch!
>-= Ev =-

        Problem pops up here. I want to operate "normal" APRS on two, and MS (or whatever) on six. WinAPRS won't allow this unless I run TWO instances of the program. I suppose I could tell WinAPRS NOT to EVER send a pos packet, and set the BTEXT back to]$[and the unproto to APRS VIA HOP1-1 or similar, but I was really hoping I wouldn't need to do that.

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

78. [propnet] Re: Announcement!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 20:13:12 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34550-1999.08.15-21.25.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:51 PM 8/15/99 -0400, Evhen Tupis (W2EV) sent:
>In reply to:
>> >This is really the power of PropNET. One could leave a PropNET node
>> >functioning 24/7 and chart such stuff in real time.
>
>Earl said:
>>   I've seen something in emergency communications that might work -- just get people equate OFF
 to the desired frequency. In the emergency comms, OFF was equal to the local simplex frequency. In
Propnet's case, OFF would equal 53.530 or 147.585.
>
>Wow. Neat idea. Now...how do we get people to think like that?

        We pass the word around to EVERY APRS operator we can. Ev, I'd suggest YOU post it on the
APRSSIG. The rest of us can talk it up locally through bulletins, one-liners, phone calls, and eyeball
contacts. If we work at it, we'll probably make some headway.

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

79. [propnet] Re: TNC settings?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 20:11:20 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34551-1999.08.15-21.25.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:49 PM 8/15/99 -0400, Evhen Tupis (W2EV) sent:
>I know that the Kantronics TNC's have a CD SOFTWARE setting that allows
>you to operate with open squelch. I don't believe the MFJ/PacComm ROM
>has that function...does it?
>-= Ev =-

        No, it doesn't, and that's the rub. The FM noise from my '690 apparently "sounds" like a data
carrier to the TNC. :-(

        Earl

>
>Earl Needham wrote:
>>
>>   After having used the MFJ/PacComm on two meters for quite some time, I thought I knew what
settings to use. However, I notice that with the squelch open, the TNC holds off from transmitting for
quite a long time.
>>
>>   Is there a different setting I need to use for six as opposed to two meters?
>>
>>   Thanks again,
>>   Earl
>>
>> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
>> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>>
>> ---
>> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
>> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>--
>Project: PropNET is . . .
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>
>http://www.RochesterNY.org/PropNET
>
>To join the PropNET Listserve, send an email to:
>mailto:listserv@tapr.org with a MESSAGE-text of:
>subscribe propnet First_name Last_name
>
>---
>You are currently subscribed to propnet as: KD5XB@AMSAT.ORG
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

80. [propnet] Re: Announcement!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 20:45:25 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34561-1999.08.15-21.56.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:13 PM 8/15/99 -0600, Earl Needham sent:
<snip>
>   We pass the word around to EVERY APRS operator we can. Ev, I'd
>suggest YOU post it on the APRSSIG. The rest of us can talk it up
>locally through bulletins, one-liners, phone calls, and eyeball
>contacts. If we work at it, we'll probably make some headway.

        I've already put out an announcement on 144.39 about this.

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

81. [propnet] Meteors?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Aug 1999 20:46:26 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34562-1999.08.15-21.56.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I put this question in another post, and I think it was missed by most of the list --

        How about the Kappa Cygnids on the 20th? Probably a minor shower, but take a look!

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

82. [propnet] Re: Meteors?

From: Earl Needham <needhame@yucca.net>
Date: Sun, 15 Aug 1999 20:50:38 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34564-1999.08.15-22.00.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I promise, last post today, I'll try to hold off on Monday. I've been TOO prolific! <G>

>From http://www.maa.mhn.de/Comet/Shower/kappa_cygnids.html

Kappa Cygnids

Observer's Synopsis

With a duration spanning July 26 to September 1, this shower has been observed almost annually since about the mid-19th century. The maximum is complex, but seems to mainly occur around August 18 (Solar Longitude=145 deg), with an average rate of about 6 meteors per hour. There is evidence to suggest widely varying activity rates and occasional increases in fireball production. The radiant is at RA=289 deg, DECL=+55 deg when the shower reaches maximum. The meteors are of moderate speed and are usually described as bluish-white in color. Their average brightness is about 3. The daily motion seems to be about +0.5 deg in RA and +0.2 deg in DECL.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

83. [propnet] Re: Meteors?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Mon, 16 Aug 1999 17:51:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34687-1999.08.16-17.01.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'll re-enter meteor mode (1 ID every 10-seconds) for the 20th. If
anyone sees my icon, post it to the listserve.
-= Ev =-

Earl Needham wrote:
>
>   I put this question in another post, and I think it was missed by most of the list --
>
>   How about the Kappa Cygnids on the 20th? Probably a minor shower, but take a look!
>
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

84. [propnet] Re: Meteors?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 18 Aug 1999 07:52:34 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34930-1999.08.18-09.02.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:51 PM 8/16/99 -0400, Evhen Tupis (W2EV) sent:
>I'll re-enter meteor mode (1 ID every 10-seconds) for the 20th. If
>anyone sees my icon, post it to the listserve.
>-= Ev =-

        I'll do the same. Plan on my starting on the afternoon of the 20th.

        I may have better results this time, since I added 6 meters.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

85. [propnet] Re: Meteors?

From: "Jeff Griffin" <kb2wqm@cyberenet.net>
Date: Wed, 18 Aug 1999 11:33:16 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-34942-1999.08.18-10.43.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will also be up on 2 meters on the 20th. I've been running 6m all week,
nothing heard. I will shut down 6m tonight. Or should I run 6m on the 20th?
I can't run both as I would have to bring down my APRS station, which is
needed for a gap filler for campers visiting the area during the summer.

73 Jeff kb2wqm

----- Original Message -----
From: Earl Needham <KD5XB@amsat.org>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Wednesday, August 18, 1999 9:52 AM
Subject: [propnet] Re: Meteors?

> At 05:51 PM 8/16/99 -0400, Evhen Tupis (W2EV) sent:
> >I'll re-enter meteor mode (1 ID every 10-seconds) for the 20th. If
> >anyone sees my icon, post it to the listserve.
> >-= Ev =-
>
> I'll do the same. Plan on my starting on the afternoon of the 20th.
>
> I may have better results this time, since I added 6 meters.
>
> 7 3
> Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: kb2wqm@amsat.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

86. [propnet] Kappa Cygnids

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 20 Aug 1999 08:28:58 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35238-1999.08.20-09.41.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not being familiar with the Kappa Cygnids, I don't know when the peak may be, but this date sometime.
I've been getting a few "squelch pops" on 53.530, so I'm going to MS mode NOW. Hope to see y'all...

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

87. [propnet] Re: Kappa Cygnids

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 20 Aug 1999 08:42:35 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35240-1999.08.20-09.53.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:28 AM 8/20/99 -0600, Earl Needham sent:
>
>   Not being familiar with the Kappa Cygnids, I don't know when the
>peak may be, but this date sometime. I've been getting a few
>"squelch pops" on 53.530, so I'm going to MS mode NOW. Hope to see
>y'all...
>
>   7 3
>   Earl

       Hmm. I don't guess there's any way of getting a TNC in KISS mode to beacon every 10 seconds, is
 there?

       And I figured out how to be KD5XB-2 on two meters and KD5XB-6 on six meters. I set WinAPRS to
be KD5XB-2 and run the KISS TNC on two meters. That took care of half of it. The six meter TNC is my
MFJ/PacComm unit, and the answer is so simple I'm almost ashamed to tell it.

       I just put MY KD5XB-6 in the inithf.tnc file.

       I set WinAPRS to think the 2 meter rig is VHF and the six meter rig is HF.

       7 3
       Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

88. [propnet] Meteor mode

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 20 Aug 1999 09:43:15 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35246-1999.08.20-10.54.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got WinAPRS running in SPACE mode, and the pos rpt on VHF is
]-[

but the pos rpt on the HF side is

3425.41N/10312.68W- -230-<530>

       I'm running 2 meters on the VHF port and 6 meters on the HF port. How can I shorten the pos
packet on the HF port?

       Tnx es 7 3
       Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

89. [propnet] Re: Kappa Cygnids

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Fri, 20 Aug 1999 18:22:25 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35285-1999.08.20-17.32.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been on all day...and will continue until Saturday morning. Hope
someone sees something.

My hopes aren't high on this one...the rocks are quite sparse and not
very fast...but HEY! ya never know! :o)

-= Ev, W2EV =-
53.530-MHz only for this event

Earl Needham wrote:
>
>   Not being familiar with the Kappa Cygnids, I don't know when the peak may be, but this date
sometime. I've been getting a few "squelch pops" on 53.530, so I'm going to MS mode NOW. Hope to see
y'all...
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

90. [propnet] Re: Kappa Cygnids

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Fri, 20 Aug 1999 18:23:33 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35286-1999.08.20-17.33.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Elegant solution. Thanks for sharing.
-= Ev =-
>   I just put MY KD5XB-6 in the inithf.tnc file.
>
>   I set WinAPRS to think the 2 meter rig is VHF and the six meter rig is HF.
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
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To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

91. [propnet] Re: Kappa Cygnids

From: "Jeff Griffin" <kb2wqm@cyberenet.net>
Date: Fri, 20 Aug 1999 21:01:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35312-1999.08.20-20.11.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm up for the night on 6m , FM29pe pointing 260 degrees.

73 Jeff kb2wqm

----- Original Message -----
From: Evhen Tupis (W2EV) <PropNET@greeceny.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Friday, August 20, 1999 6:22 PM
Subject: [propnet] Re: Kappa Cygnids

> I've been on all day...and will continue until Saturday morning. Hope
> someone sees something.
>
> My hopes aren't high on this one...the rocks are quite sparse and not
> very fast...but HEY! ya never know! :o)
> -= Ev, W2EV =-
> 53.530-MHz only for this event
>
>
> Earl Needham wrote:
> >
> >   Not being familiar with the Kappa Cygnids, I don't know when the
peak may be, but this date sometime. I've been getting a few "squelch pops"
on 53.530, so I'm going to MS mode NOW. Hope to see y'all...
> >
> >   7 3
> >   Earl
> >
> > Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> > Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
> >
> > ---
> > You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
> --
> Project: PropNET is . . .
> the great self-running 6-meter propagation experiment!
> Configure Automatic Position Reporting System (APRS [tm])
> software to plot propagation anomolies (including Meteor Events)
> in near real-time!
>
> http://www.RochesterNY.org/PropNET
>
> To join the PropNET Listserve, send an email to:
> mailto:listserv@tapr.org with a MESSAGE-text of:
> subscribe propnet First_name Last_name
>
> ---
> You are currently subscribed to propnet as: kb2wqm@amsat.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

92. [propnet] Nothing heard

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 21 Aug 1999 08:54:04 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35383-1999.08.21-10.04.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nothing heard overnight. Going back to 144.39 and staying at 53.530.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

93. [propnet] Re: Nothing heard

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sat, 21 Aug 1999 21:04:26 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35463-1999.08.21-20.14.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ditto. It was a 'minor' event anyway. See everyone for the Leonids in
November.
Returning to 144.39 and staying on 53.53
-= Ev =-

Earl Needham wrote:
>
>   Nothing heard overnight. Going back to 144.39 and staying at 53.530.
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

94. [propnet] 8/16&17/99 Tropo Event

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 22 Aug 1999 13:43:32 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-35572-1999.08.22-12.54.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In case anyone is interested, I've posted an update on this event on the
PropNET website. I've uploaded a series of Stuve Upper Air maps,
showing the duct that formed...as well as the soundings from a couple of
stations that were outside of the affected area.

Just kind of interesting to look over...now...if I could just understand
what the charts were actually saying :o). I *think* one line is
temperature, and the other is moisture content. An interesting set of
data none-the-less.

Ev, W2EV
--
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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

95. [propnet] Anything?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 28 Aug 1999 21:32:29 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-36894-1999.08.28-22.44.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey, has anybody had any 6 meter APRS/Propnet results lately? I've been on 53.53 for several weeks now and heard NOTHING.

Just wondering,
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

96. [propnet] FAQ?

From: "Richard H." <rhiii@mnsinc.com>
Date: Sat, 28 Aug 1999 08:49:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-36935-1999.08.29-06.12.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Where is the read file/FAQ for PropNet?

Thanks,

de Richard/N2JR

97. [propnet] Band opening to the west

From: "Ben Pollard" <ben@classicbrews.com>
Date: Sun, 29 Aug 1999 09:21:36 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-36992-1999.08.29-09.32.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good band opening to the west, have 85 stations on my screen via vhf. Watching the screen and listening on 144.200.

73, Ben
WS5R
DM95cf

98. [propnet] Re: Anything?

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 30 Aug 1999 10:17:51 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-37203-1999.08.30-09.23.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

6-meters has been quite dead for the last three weeks or so, Earl. I'm afraid that the summer Es season is all but behind us for
now. I'm gearing up for PropNET on 2-meters...and seriously thinking about frequencies on 222- or 440-MHz, if there is any interest.

The falltime Tropo season is about to begin, favoring those frequencies anyway.

On the 6-meter front...I'm quite suprized that we haven't seen many F-layer stuff, given the high sunspot numbers. Hmmmm. Well...I'm
still on the air on 53.53.
-= Ev =-

Earl Needham wrote:

> Hey, has anybody had any 6 meter APRS/Propnet results lately? I've been on 53.53 for several weeks now and heard NOTHING.
>
> Just wondering,
> Earl
>
> Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

99. [propnet] Re: FAQ?

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 30 Aug 1999 10:18:43 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-37204-1999.08.30-09.24.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Richard,
Hit the website at:
http://www.rochesterny.org/propnet
Just about anything you need to know is there. If not, drop me a line through the listserve.
-= Ev, W2EV =-

"Richard H." wrote:

> Where is the read file/FAQ for PropNet? Thanks, de Richard/N2JR

100. [propnet] Turn "ON" when you turn "OFF"

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Tue, 31 Aug 1999 07:14:59 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-37386-1999.08.31-06.25.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Below is a note that was just posted to the APRS listserve. I appologize if you belong to both and will receive both. We have a number of members who do not, so I thought it important to post here too.
-= Ev, W2EV =-

There is a HUGE high pressure system sitting over the Great Lakes -- and building! After several years of listening to NOAA broadcasts as I get ready for work, I've come to realize that barometric pressures in the range of 30.3 inches in the summertime are a rarity. This morning, it is 30.32 and RISING! Put that together with the relativey low humidity and you have the building blocks for a monster tropo event. All we need is an upper-air warm-front to move through and the bands will be hopping!

In preparation for this potential event (no one can be exactly sure, after all), I'd like to propose that home-based APRSers consider the "OFF" position of their station to be "ON, in SPACE MODE and tuned to 147.585-MHz". Obviously, if this frequency is in local use by voice-folks, you may wish to simply monitor, rather than transmit. Otherwise, join-in!

High power is not requied, but it is encouraged. The idea is to see as many DIRECT posits as possible. Space Mode uses the "GRID-IN-TO" method of sending position-information...your packets will be around 300ms long, in their entirety. Since no digipeating will take place, the channel loading will be quite light, even if there is a lot of local activity.

I will activate tonight (tuesday) and stay active whenever I'm not on 144.39...in effect "OFF APRS" will be "ON PROPNET" throughout the fall tropo season, for me. Come, join in the experiment!

Ev, W2EV

PS: if you want some examples of tropo events caught so far this year,
visit the PropNET website below, and click on "Events Your Missed".

--
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September 1999

Original source file: propnet.9909
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9909

1. [propnet] a Lesson Learned

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sat, 04 Sep 1999 19:23:00 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-38052-1999.09.04-18.33.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Everyone . . .

There are several lessons that were learned during the August Perseids
that I thought I'd share with the listserve.

First, Paccomm TNC's can callsign-substitute digipeat. As long as the
n-n is 1-1, they act just like Kantronics KPC's in TRACEn-n mode. This
makes them usable for Meteor Scatter contacts when invoking the "QSL
Feature". (Thanks Earl for the research!)

Second, there are two inhabitants of the PropNET frequencies . . .
. . . network-driven nodes and event-driven nodes

Network-driven nodes are those who are populating the frequency for the
long-term. Usually 24/7. Event-driven nodes are there for an event,
and then gone. It's important to have two networking UIPaths that could
be utilized, depending on the intent of the participant.

Therefore, I'm proposing that we add the following UIPath for
Meteor-Event-Driven participants: QSL1-1. This would open-up the list
of participating stations to include Paccomm TNC's in addition to
Kantronics TNC's.

Network-driven nodes would continue to use HOPn-n, where n-n could be
any number.

Of course, there is more experimentation needed to determine just what
overall impact this may have on the channel, but it's worth exploring a
bit more.

So...if you're running a HUB, please leave things the way they are. If
you are experimenting with Meteor Scatter, or some other short-lived
event, setup to process and digipeat UIPaths of QSL1-1 in a "tracen-n
type way". Let's see what happens. I'll be updating the PropNET
website accordingly.

The final lesson learned is that I believe that Bob Bruninga had it
correct when he invoked "Meteor Mode". In dosAPRS, Meteor Mode sends
15-seconds of posits, followed by 15-seconds of listening. Doing this,
your duty-cycle is 50%. Using a "posit every 10-seconds", as
manual-PropNET-Meteor Mode does, channel utilization is about 2%,
significantly reducing ones' chances of being heard. Of course, you can
change your BLT to 00:00:02, but your transceiver will T/R an awful
lot. Maybe that's not so bad for a short-term event, though...I'd be
interested in thoughts on this topic.

Ev Tupis, W2EV

--
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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: a Lesson Learned

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 04 Sep 1999 18:32:26 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-38056-1999.09.04-19.42.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:23 PM 9/4/1999 -0400, Evhen Tupis (W2EV) sent:
<snip>
>The final lesson learned is that I believe that Bob Bruninga had it
>correct when he invoked "Meteor Mode". In dosAPRS, Meteor Mode sends
>15-seconds of posits, followed by 15-seconds of listening. Doing this,
>your duty-cycle is 50%. Using a "posit every 10-seconds", as
>manual-PropNET-Meteor Mode does, channel utilization is about 2%,
>significantly reducing ones' chances of being heard.

I've emailed with Mark Sproul about adding a ten-second pos rate to WinAPRS, maybe I should contact him again and see if he could put the DosAPRS-type meteor beaconing in.

>Of course, you can change your BLT to 00:00:02, but your transceiver
>will T/R an awful lot. Maybe that's not so bad for a short-term
>event, though...I'd be interested in thoughts on this topic.

I did this for the Perseids, and I'm ever so thankful there wasn't any TVI...

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] kc5goi-6

From: "KC5GOI" <kc5goi@kc5goi.net>
Date: Sat, 4 Sep 1999 20:04:50 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-38064-1999.09.04-20.15.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KC5GOI-6 is on 147.585 for the weekend. We are expecting a cold front this
weekend so I decided to throw her on the air. It beacons every 10 minuets.

73, Guy Story
kc5goi@kc5goi.net
http://www.kc5goi.net
940.243.0754

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: kc5goi-6

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sat, 04 Sep 1999 22:01:56 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-38073-1999.09.04-21.13.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GREAT! I'm on 147.585 for the weekend myself, too. I'm getting super
enhancement on 1296 (aviation radar from over 300 miles away!). Let's
see what happens.

Remember..."Off APRS" means "On 147.585" (if possible). It would be
nice to see your icon in NY, Guy. :o)

-= Ev, W2EV =-
W2EV-2 on 147.585
W2AAA-6 on 53.530

KC5GOI wrote:
>
> KC5GOI-6 is on 147.585 for the weekend. We are expecting a cold front this
> weekend so I decided to throw her on the air. It beacons every 10 minuets.
>

> 73, Guy Story
> kc5goi@kc5goi.net
> http://www.kc5goi.net
> 940.243.0754
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
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--
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5. [propnet] Re: HOP1-1 *and* QSL1-1?

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Sun, 12 Sep 1999 23:42:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-39294-1999.09.12-22.54.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
I'm about to purchase a Pacomm TNC to play with, based on your posts
during the Perseids. Which model do you use? I'm thinking of the Pico
model, because it now includes open-squelch DCD.

btw...would you mind forwarding me the Pacomm settings that allow what
you describe in your eMail? I'm intreagued by them.

Also...what eMail client do you use? For some reason, your eMails come
though without a soft Csrrage-return, and paragraphs go on forever
without wrap-around...while eMails from others don't do that. Every
once in a while, I get an eMail that does the same thing and was
wondering about it.

-= Ev, W2EV =-

Earl Needham wrote:
>
> At 06:21 PM 7/30/99 -0400, Evhen Tupis (W2EV) sent:
> >Perfect. This was the information that I was looking for. I wanted to
> >know how to setup a Paccomm-ROM TNC for use as a WIDEn-n digi...and you
> >answered that. Thanks!
>
>   Well -- maybe. I think we may not be communicating 100% accurately.
>
>   The PacComm firmware will receive a packet like this:
>
> K2EV>EM84JK,HOP1-1:$
>
>   And it will then send it out like this:
>
> K2EV>EM84JK,KD5XB*:$
>
>   It absolutely will NOT do WIDEN-n, you can only "fool" it into digipeating packets that look
"right".
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

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You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: HOP1-1 *and* QSL1-1?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 12 Sep 1999 23:20:06 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-39312-1999.09.13-00.32.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:42 PM 9/12/1999 -0400, Evhen Tupis (W2EV) sent:
>Hi Earl,
>I'm about to purchase a Pacomm TNC to play with, based on your posts
>during the Perseids. Which model do you use? I'm thinking of the Pico
>model, because it now includes open-squelch DCD.

Hi, Ev!
Actually, I use an MFJ-1270B with the PacComm firmware in it. If you have a choice, ask for AT LEAST Release 5.0.0.

>btw...would you mind forwarding me the Pacomm settings that allow what
>you describe in your eMail? I'm intreagued by them.

OK --
First, I set UNproto to DM84JK VIA HOP1-1 and the BText to $. Or else I just use WinAPRS in space mode to send position packets that way.
Next, I set LPATH to DM84JK via QSL1-1 and I set the LTEXT to $.
Finally, I set
B E 1
and
LOC E 1

and away it goes...

>Also...what eMail client do you use? For some reason, your eMails come
>though without a soft Csrrage-return, and paragraphs go on forever
>without wrap-around...while eMails from others don't do that. Every
>once in a while, I get an eMail that does the same thing and was
>wondering about it.

You know, in the past five years or so, I've had one other person tell me the same thing. Strange...
I'm using Eudora Pro version 3.05. I think there may be a setting in there to fix it, let me try some things and you tell me what works.

Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] I think I got it fixed...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 13 Sep 1999 10:03:23 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-39375-1999.09.13-11.14.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:42 PM 9/12/1999 -0400, Evhen Tupis (W2EV) sent:
<snip>

>Also...what eMail client do you use? For some reason, your eMails come
>though without a soft Csrrage-return, and paragraphs go on forever
>without wrap-around...while eMails from others don't do that. Every
>once in a while, I get an eMail that does the same thing and was
>wondering about it.

        Ev, I think I got it fixed. There's a setting that's VERY
well hidden in the help file and in the Eudora.INI file.
Seems you have to edit the EUDORA.INI to include the line
WordWrapColumn=XX where XX is where you want the thing to
word wrap, and you also have to turn word wrap on in the OPTIONS menu.
        Strange they'd make it so hard. I've had to manually
format my messages for years to make them easier to read. Oh well!

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] Re: I think I got it fixed...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 13 Sep 1999 10:07:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-39376-1999.09.13-11.18.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:03 AM 9/13/1999 -0600, Earl Needham sent:
<snip>
>   Ev, I think I got it fixed. There's a setting that's VERY
>well hidden in the help file and in the Eudora.INI file.
>Seems you have to edit the EUDORA.INI to include the line
>WordWrapColumn=XX where XX is where you want the thing to
>word wrap, and you also have to turn word wrap on in the OPTIONS menu.

        Oops, forgot to ask --

        The first message was set to 60 characters wide,
this one to 50. Is 60 OK for everybody?

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d
12.700 (or so)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Re: I think I got it fixed...

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Mon, 13 Sep 1999 21:33:07 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-39458-1999.09.13-20.44.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
YES! All wraps well now. Thanks for taking the time to look into it.
I'm using Netscape Communicator here. Your eMails are signigicantly
easier to read now. I appreciate the above-and-beyond effort.

Warmly,
Ev, W2EV

Earl Needham wrote:
>
> At 11:42 PM 9/12/1999 -0400, Evhen Tupis (W2EV) sent:
> <snip>
> >Also...what eMail client do you use? For some reason, your eMails come
> >though without a soft Csrrage-return, and paragraphs go on forever
> >without wrap-around...while eMails from others don't do that. Every

> >once in a while, I get an eMail that does the same thing and was
> >wondering about it.
>
>   Ev, I think I got it fixed. There's a setting that's VERY
> well hidden in the help file and in the Eudora.INI file.
> Seems you have to edit the EUDORA.INI to include the line
> WordWrapColumn=XX where XX is where you want the thing to
> word wrap, and you also have to turn word wrap on in the OPTIONS menu.
>   Strange they'd make it so hard. I've had to manually
> format my messages for years to make them easier to read. Oh well!
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
Configure Automatic Position Reporting System (APRS [tm])
software to plot propagation anomolies (including Meteor Events)
in near real-time!

http://www.RochesterNY.org/PropNET

To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: I think I got it fixed...

From: "Evhen Tupis (W2EV)" <PropNET@greeceny.com>
Date: Mon, 13 Sep 1999 21:34:18 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-39462-1999.09.13-20.45.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

both read fine for me, ol friend.
-= Ev =-

Earl Needham wrote:
>
> At 10:03 AM 9/13/1999 -0600, Earl Needham sent:
> <snip>
> >   Ev, I think I got it fixed. There's a setting that's VERY
> >well hidden in the help file and in the Eudora.INI file.
> >Seems you have to edit the EUDORA.INI to include the line
> >WordWrapColumn=XX where XX is where you want the thing to
> >word wrap, and you also have to turn word wrap on in the OPTIONS menu.
>
>   Oops, forgot to ask --
>
>   The first message was set to 60 characters wide,
> this one to 50. Is 60 OK for everybody?
>
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d
> 12.700 (or so)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
Project: PropNET is . . .
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mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Test

From: "Ben Pollard" <ben@classicbrews.com>
Date: Wed, 15 Sep 1999 12:15:17 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-39724-1999.09.15-12.26.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just testing to see if its the sig or my server which is giving me blank messages?

73
Ben
WS5R
DM95cf

12. [propnet] [Fwd: PropNet, 53.53 and Florida]

From: PropNET <propnet@greeceny.com>
Date: Mon, 27 Sep 1999 06:14:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-41784-1999.09.27-05.27.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's an item of interest!
-= Ev, W2EV=-
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

13. [propnet] Band opening?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 28 Sep 1999 08:00:20 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-42099-1999.09.28-09.12.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Seems two meters is starting to open up a little here. We had a bit of an
enhancement a day or two ago, and it's starting again.

        N5XXO-8 (229 miles) just popped a packet in here, and I've only seen this
station twice. Says it's an APRS node located on King Mountain, Texas, map
plots 75 miles east of Pecos, Texas.

        Hoping for a good opening!
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

14. [propnet] RE: Band opening?

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Tue, 28 Sep 1999 09:12:46 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-42100-1999.09.28-09.24.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two was open on the East Coast last night, too. My digi (WA1LOU-15) copied a lot of stations directly
between the Maine and North Carolina, but the best DX was WA4KXV in Virginia Beach, 380 miles away.

Stan, WA1LOU

-----Original Message-----
From: Earl Needham [mailto:KD5XB@AMSAT.ORG]
Sent: Tuesday, September 28, 1999 10:00 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Band opening?

Seems two meters is starting to open up a little here. We had a bit of an enhancement a day or two ago, and it's starting again.

N5XXO-8 (229 miles) just popped a packet in here, and I've only seen this station twice. Says it's an APRS node located on King Mountain, Texas, map plots 75 miles east of Pecos, Texas.

Hoping for a good opening!
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: STAN_HORZEPA@ADC.COM
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] Re: Band opening?

From: "Ben Pollard" <ben@classicbrews.com>
Date: Tue, 28 Sep 1999 12:02:34 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-42123-1999.09.28-12.18.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl, Did you see the station on from Temple yesterday? Had 79 stations on my screen from Saturday to Monday (reset everyday) over the usual 20 or so.

73
Ben
WS5R

----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
> Seems two meters is starting to open up a little here. We had a bit of an
> enhancement a day or two ago, and it's starting again.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] Setting up station for 2 meters

From: "Kevin Richman" <kevinrichman@hotmail.com>
Date: Tue, 28 Sep 1999 20:19:56
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-42199-1999.09.28-20.31.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all
I am running 50 watts FM into a 5/8 vertical at 20 feet above the ground. I am using an AEA Pk232mbx for a modem.
I live in Everett Washington about 100 feet above sea level.
How should I set up the modem parameters?
Do I have a chance of hearing any thing?
Thank
Kevin
KB7RPE

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Re: Band opening?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 28 Sep 1999 21:48:15 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-42211-1999.09.28-23.22.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:02 PM 9/28/1999 -0500, Ben Pollard sent:
>Earl, Did you see the station on from Temple yesterday? Had 79 stations
>on my screen from Saturday to Monday (reset everyday) over the usual 20
>or so.
>
>73
>Ben
>WS5R

No, Ben, I didn't. In fact, I was going to post that the band opening fizzled -- about all I saw was one new (to me) station near Odessa.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Re: Setting up station for 2 meters

From: PropNET <propnet@greeceny.com>
Date: Wed, 29 Sep 1999 06:31:18 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-42252-1999.09.29-05.43.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Kevin,
Welcome to PropNET! At this time, 2-meter PropNET is in its' embryonic stage. Most activity on this band centers on Meteor Scatter events (like the big one in November) and falltime overnight logging (when APRSers turn their radio "off", they're asked to simply put it to use on 147.585 to serve as a propagation beacon for PropNET).

Most PropNET work is being done on 53.53-MHz, in anticipation of the sunspot maximum that is approaching.

I'd suggest that you familiarize yourself a bit with general APRS first (on 144.39-MHz) and join the PropNET folks on 147.585 for the Leonids Meteor Shower in November. You stand a good chance of seeing plenty of activity there at that time.

Full setup instructions are on the PropNET website at:
http://www.rochesterny.org/propnet. Welcome aboard!
Ev, W2EV

Kevin Richman wrote:

> Hello all
> I am running 50 watts FM into a 5/8 vertical at 20 feet above the ground. I
> am using an AEA Pk232mbx for a modem.
> I live in Everett Washington about 100 feet above sea level.
> How should I set up the modem parameters?
> Do I have a chance of hearing any thing?
> Thank
> Kevin
> KB7RPE
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Re: Band opening?

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Wed, 29 Sep 1999 08:10:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-42266-1999.09.29-08.22.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The 2-meter band opening continued on the East Coast last night. It was not as good as the night before,
 but it was definitely opened along the coast from Maine to Virginia.

Stan, WA1LOU, fn31mp

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

20. [propnet] West Coast Travels

From: "Ben Pollard" <ben@classicbrews.com>
Date: Wed, 29 Sep 1999 21:25:45 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-42345-1999.09.29-21.37.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Will be tracking up and back down the west coast Startting Monday, Oct 4. Starting in Riverside CA, on
to Portland OR, then back to SOCal, and back to Amarillo, TX. Not tracking out as I am driving and will
meet yl with traker in Riverside, CA. Only run tacker with no computer, will monitor 146.52 and local
repeaters as I find them.

73,
Ben
WS5R
DM95cf

October 1999

Original source file: propnet.9910
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9910

1. [propnet] [METEOR-SCATTER] (meteorobs) Potential 'Surprise' Meteor Shower on November 11? (forwarded)

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 20 Oct 1999 07:56:09 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-45911-1999.10.20-09.08.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>X-Sender: ko0u@os.com
>X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.6 (32)
>Date: Wed, 20 Oct 1999 04:08:07 +0100
>To: meteor-scatter@qth.net, hsms@qth.net
>From: Steve Harrison <ko0u@os.com>
>Subject: [METEOR-SCATTER] (meteorobs) Potential 'Surprise' Meteor Shower
on November 11?
> (forwarded)
>Sender: owner-meteor-scatter@qth.net
>Reply-To: Steve Harrison <ko0u@os.com>
>
>For the meteor jockeys amongst us: a chance to do a "drill" before the
>Leonids, perhaps. I have no prediction data for this one, but perhaps we
>can plug the numbers into MSSOFT and see what it says. 73, Steve K0XP
>~~~~~~
>>X-Authentication-Warning: venus.jovian.com: majordomo set sender to
>owner-meteorobs@jovian.com using -f
>>Date: Tue, 19 Oct 1999 23:04:20 GMT
>>From: Ron Baalke <BAALKE@kelvin.jpl.nasa.gov>
>>To: meteorobs@latrade.com
>>Subject: (meteorobs) Potential 'Surprise' Meteor Shower on November 11?
>(forwarded)
>>Sender: owner-meteorobs@jovian.com
>>Reply-To: meteorobs@jovian.com
>>
>>Forwarded from Joe Rao (Skywayinc@aol.com)
>>Subject: Potential "Surprise" Meteor Shower on November 11?
>>
>>   The recently discovered Comet LINEAR (C/1999J3) may serve to give rise
>to
>>a new meteor shower on November 11.
>>
>>   The circumstances concerning a prospective "Linearid" display on the
>>evening of November 11th is most intriguing. The moment when Earth passes
>>closest to the ascending node of C/1999J3 at 2:41 p.m. EST/11:41 a.m. PST.
>>Unfortunately -- daylight for North America, although well into evening
>>darkness over Europe.
>>
>>   The radiant for this prospective display very near to the star Phecda,
>>the lower left star in the bowl of the Big Dipper. From my own
>calculations,
>>I come up with an RA of 11h 40m, Dec. +53 deg. So even for Europeans, the
>>radiant stands only about a mere 5-degrees above the northern horizon (at
>>latitude 40N) at the time that the shower may reach its peak!
>>
>>   Nonetheless . . . the separation between the Earth's orbit and that of
>>the parent comet is just over 0.011 a.u. As to what type of activity might
>>be expected, it should be noted that the 1985 Giacobinids briefly produced
>an
>>outburst of ZHR's of 600 to 800 from Japan, with the Earth following
>>21P/Giacobini-Zinner to its node by just 26.5 days. The separation between
>>the orbit of the comet and Earth was 0.033 -- or three times the separation
>>between the upcoming case of Earth and C/1999J3.
>>
>>   In 1933, when a major Giacobinid storm (ZHR = 3000 - 29000) occurred,
>>these values were 80 days and 0.005 a.u. Earth is following LINEAR to its
>>ascending node by ~39.9 days. Hence, the situation regarding the
>prospective
>>LINEARIDS is roughly midway between the two above cases.
>>
>>   Among the chief differences between Giacobini-Zinner and LINEAR is that
>>Earth intersected comet debris on the inside of Comet G-Z's orbit, whereas
>we
>>would intersect debris on the outside of comet LINEAR. In addition, the
>>dust-distribution surrounding LINEAR is completely unknown. Also,

>>Giacobini-Zinner is a well-known short-period comet of 6.5 years and has
>been
>>observed to circle the Sun on many other occasions, whereas LINEAR is a
>newly
>>discovered long-period object of ~63,000 years.
>>
>>   Nonetheless . . . I would strongly urge all observers to carefully
>>monitor the skies for possible meteors from this shower, especially during
>>the pre-dawn hours of November 11 (when the radiant is high up in the
>>northeast sky), as well as later that evening. It appears that should any
>>significant outburst occur, those in western and central Asia would have
the
>>best chance of viewing it (for them, in the after-midnight/pre-dawn hours
of
>>November 12 local time).
>>
>>   Although we know that the Earth will be closest to the comet's
ascending
>>node at ~19.6 UT on November 11, this doesn't mean that the actual peak
of a
>>prospective LINEAR display could not occur many hours earlier or later. An
>>example of this occurred one year ago with the 1998 Giacobinids: the time
>>when Earth was predicted to cross the node of 21P/Giaconini-Zinner was
20:53
>>UT on October 8; but the shower actually reached its peak at 13:15 UT --
>more
>>than 7.5 hours earlier.
>>
>>   Thus, I would strongly suggest that all interested observers should be
>on
>>high-alert for a 24-hour interval on either side of the predicted nodal
>>crossing time of 19.6 UT/November 11.
>>
>>   Who knows? It might prove to be an interesting warm-up for the
Leonids,
>>which are due to peak just a week later!
>>
>>-- joe rao
>>To UNSUBSCRIBE from the 'meteorobs' email list, use the Web form at:
>>http://www.tiac.net/users/lewkaren/meteorobs/subscribe.html
>>
>>
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] 2-meter opening

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Wed, 20 Oct 1999 10:37:54 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-45924-1999.10.20-10.50.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FWIW, 2-meter propagation seems to be enhanced in the Northeast this morning.

Stan, WA1LOU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] aprsdos and meteor scatter/propnet

From: KF4KRF@aol.com
Date: Tue, 26 Oct 1999 18:40:20 EDT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-46736-1999.10.26-17.53.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello i'm new to this list and interested in getting involved. one quick
question and i'm sorry if its been covered here before:

can i use aprsdos in meteor scatter mode to operate?

i prefer aprsdos, because i do all my packet stuff on a 386-16x.

thank you

david lowery
kf4krf

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: aprsdos and meteor scatter/propnet

From: PropNET <propnet@greeceny.com>
Date: Tue, 26 Oct 1999 23:16:04 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-46830-1999.10.27-05.15.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You Bet, David!
Simply visit the TAPR site (http://www.tapr.org), go to the software section
and download the latest version of dosAPRS. It has a "Meteor Mode"
built-in. Additionally, it comes with a document file called meteor.txt
which is full of good information on how to use the software. I've not used
it personally, but many folks have.

I've copied your request to Bob Bruninga in hopes he will send you even more
detailed information on using dosAPRS for meteor work.

Welcome aboard!
Ev, W2EV

KF4KRF@aol.com wrote:

> hello i'm new to this list and interested in getting involved. one quick
> question and i'm sorry if its been covered here before:
>
> can i use aprsdos in meteor scatter mode to operate?
>
> i prefer aprsdos, because i do all my packet stuff on a 386-16x.
>
> thank you
> david lowery
> kf4krf
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Re: Great Article!

From: Evhen Tupis <evman@ix.netcom.com>
Date: Thu, 28 Oct 1999 22:05:40 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-47119-1999.10.28-21.19.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Gil,
Thanks for the warm note! On 2-meters, we will be using 147.585-MHz. You
are correct on the predicted peak. It is actually the evening of the 17th
through the morning of the 18th...the peak, that is. The usable part of the
shower lasts for one-day on either side of the evening of the 17th.
Stations will be active throughout that period.

Be sure to subscribe to the PropNET listserve (they call them Special
Interest Groups or SIG's) on theTAPR website, too. (http://www.tapr.org)
That's where others that are interested in packet MS will be talking in the
upcoming couple of weeks. It's a low volume listserve, with excellent
content to noise ratio. I've cc:'d this reply to that listserve to let
folks know you're planning to be active.

Welcome aboard!

Regards,
Ev, W2EV

Gil Huggins wrote:

> Ev,
> I am avery excited about doing the automated meteor scatter project as
> shown in your article of the last edition of QST. However, I am kind of
> scratching my head on exactly which frequency to use on 2 meters. Should
> I use the 145.790, which is vacant? How about the other one that is
> listed: 147.585 ? What do you recommend?
> Also, if my research is correct, the best time is Nov. 17th.
> I hope to work you on the "scatter" and hear from you via e-mail soon.
> 73, Gil KS4YX

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: Thanks

From: Evhen Tupis <evman@ix.netcom.com>
Date: Thu, 28 Oct 1999 22:08:25 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-47120-1999.10.28-21.22.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Van,
Excellent news. I'm glad you're planning on being on for the Leonids, too.
Please be sure to subscribe to the PropNET listserve on http://www.tapr.org
(it's called the PropNET SIG). That's where we'll be announcing
Leonids-active stations to be watching out for. I've taken the liberty of
CC:ing this note to that listserve to whet other folks' appetite to be
listening for you.

Welcome aboard!

Regards,
Ev, W2EV

larry van fossen wrote:

> Dear Ev;
>   Thanks for the right path. 233 worked fine. Just have to hook up the
> Tnc now .
>
> Maybe I'll be able to put on CN78QI. It is very sot after grid..
>
> 7d3   Van

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] Propnet on APRS+SA

From: Mike Wolthuis <kb8zgl@wallycom.com>
Date: Thu, 28 Oct 1999 22:23:05 -0400 (EDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47127-1999.10.28-22.34.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Propnet,
I also will be active on 147.585 for the upcoming MS from East Lansing, MI
I was wondering I know we use the shortened form of Space Mode, is there a
way to setup space mode in APRS+SA?

Also, what is the correct path again?
Thanks,

Mike "Wally" Wolthuis
WallyCom President!
KB8ZGL

---My Moto:---
     A quest for knowledge is never done....so keep on asking questions to
     gain whatever you can grasp...until the point you can learn no more.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] Re: Propnet on APRS+SA

From: PropNET <propnet@greeceny.com>
Date: Fri, 29 Oct 1999 06:30:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47150-1999.10.29-05.44.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Wally,
Great news, having you on for the Leonids! I don't know the answer to the
APRS+SA question. It's not a software package I've played with. However, if
it has an RX-only mode, it can be setup easily.

Just communicate with your TNC through a terminal package and do the manual
setup as found in the articles or website -- depending on the type of TNC you
have. Then invoke APRS+SA in receive-only mode (so it doesn't overwrite what
you set manually). Give it a try, document what you do, and let us know. It
would be nice to have instructions for each APRS version for other people to
follow, too.

The packet you transmit should look like this:
KB8ZGL>EN##xx,QSL1-1:]G[

-or-

KB8ZGL>CQ,QSL1-1:[EN##xx]

Either format will decode correctly at the DX station. The QSL1-1 will
attempt to force a "QSL" packet to be sent by the DX station (if it is either
a Kantronics KPC TNC with the 8.2 ROM or above, or a Paccomm ROM TNC).

'glad to have you on-board again!

Ev, W2EV

Mike Wolthuis wrote:

> Dear Propnet,
> I also will be active on 147.585 for the upcoming MS from East Lansing, MI
> I was wondering I know we use the shortened form of Space Mode, is there a
> way to setup space mode in APRS+SA?
>
> Also, what is the correct path again?
> Thanks,
>
>   Mike "Wally" Wolthuis
>   WallyCom President!
>   KB8ZGL
>
> ---My Moto:---
>   A quest for knowledge is never done....so keep on asking questions to
>   gain whatever you can grasp...until the point you can learn no more.
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Propnet Greetings.

From: "Mark Blair (kd5bdc)" <caerleon@pldi.net>
Date: Sat, 30 Oct 1999 00:05:02 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47309-1999.10.30-00.16.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings all,

    I just wanted to let everyone know that another warm body has joined up for PropNet. I am using a Kantronics KPC-3 Plus, an Alinco DR-605T, and a rather wimpy whip antenna at about eye level when I get lucky. I am coming from grid EM06hk, and will be operating sporadically on 2 meters with about 50 watts. Since I actually have this weekend off, I will try to keep my station up through sunday night. If anyone gets bored and has a beam, feel free to point it at me.

    As far as I can tell there isn't any activity in my area at all. This means I don't have a clue if I actually set everything up right. On another note, I was just wondering how many people were operating on 2-meters?

Thanks,
Mark Blair, kd5bdc

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: Propnet Greetings.

From: PropNET <propnet@greeceny.com>
Date: Sat, 30 Oct 1999 04:56:36 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47365-1999.10.30-04.10.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings, Mark!
You may be suprized to find that there is little activity on 147.585 until the actual meteor shower. That having been said, your MS setup is fully decode compatible with standard APRS on 144.39-mhz. So...tune-in 144.39 and listen for a while. If you see your S-meter swing, then you should also see icons appear on your computer. It's a fairly good test to assure you are able to RX, at least.

Then, when we hit November 16th, retune to 147.585 and let it be until November 18th or so. That is "peak time" for the Leonids. You should know, though, that a single vertical whip will provide only marginal results for you, especially at eye level. If you have any chance of erecting a small beam, you'll be several dB's better in result.

Where are you actually located, gridsquare-wise?

Ev, W2EV

"Mark Blair (kd5bdc)" wrote:

> Greetings all,
>
>   I just wanted to let everyone know that another warm body has joined up
> for PropNet. I am using a Kantronics KPC-3 Plus, an Alinco DR-605T, and a
> rather wimpy whip antenna at about eye level when I get lucky. I am coming
> from grid EM06hk, and will be operating sporadically on 2 meters with about
> 50 watts. Since I actually have this weekend off, I will try to keep my
> station up through sunday night. If anyone gets bored and has a beam, feel
> free to point it at me.
>
>   As far as I can tell there isn't any activity in my area at all. This
> means I don't have a clue if I actually set everything up right. On another
> note, I was just wondering how many people were operating on 2-meters?
>
> Thanks,
> Mark Blair, kd5bdc
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Re: Propnet Greetings.

From: "Mark Blair (kd5bdc)" <caerleon@pldi.net>
Date: Sat, 30 Oct 1999 10:01:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47386-1999.10.30-10.12.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings W2EV,

Thank you for your advice, and in answer to your question, I am in the
south-west part of grid EM06hk. 36.4279N and 99.4019W to be a little more
specific. I will QSY to 144.39 and listen for APRS activity, and hope to
see everyone during the shower.

Thanks,
Mark

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] Blatant advertising.....but useful for prop study

From: "Ciemon G0TRT" <g0trt@amsat.org>
Date: Sat, 30 Oct 1999 19:19:57 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47416-1999.10.30-13.31.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

        Whilst I'm not an avid propagation nut, I love it when stations hundreds of
miles away start appearing on my map. If only I could monitor more than one
freq, 70cms, 6m, 4m, 10m, but that'd need a lot of gear??.....not anymore.

Roger Barker G4IDE of Winpack fame has written UI-View, this is an APRS
program aimed initially at the UK market, although there's no reason why it
can't be used in other countries. It uses user made bmp files for maps, but
most importantly can interface with tnc's, BPQ and the SV2AGW packet engine.
What's important here is that the AGWPE has the ability to interface with
KISS tnc's, baycom boards and soundcards. So you can now monitor as many
ports as you want, using cheaply produced baycom boards, just what you need
for monitoring multiple freqs.

The software can be downloaded from:

http://backdoor.to/g6odt
http://members.tripod.com/~g6odt/packet.html

Hopefully the latest beta will be available on this site, the current
version being 2.06b

73...Ciemon G0TRT

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13. [propnet] Leonids sched

From: "Jim Pope" <ejim@aol.com>
Date: Sat, 30 Oct 1999 21:14:16
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47459-1999.10.30-21.27.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to the Propnet,

I am new to the net so hope I don't mess up too bad.

I plan, weather permitting (Colo can be cold in Nov.)
to be operating 2m ms using APRS from DN70tp on the
evening of Nov 17 local time (Nov 18 UTC).

Which frequency should I use, 145.79 or 147.585?

Jim KG0PP-2

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

14. [propnet] Re: Leonids sched

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 30 Oct 1999 23:32:20 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47490-1999.10.31-23.57.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:14 PM 10/30/1999, Jim Pope wrote:
>Hello to the Propnet,
>
>I am new to the net so hope I don't mess up too bad.
>
>I plan, weather permitting (Colo can be cold in Nov.)
>to be operating 2m ms using APRS from DN70tp on the
>evening of Nov 17 local time (Nov 18 UTC).
>
>Which frequency should I use, 145.79 or 147.585?
>
>Jim KG0PP-2

        147.585

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] Re: MAIDENHEAD grid squares

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sun, 31 Oct 1999 15:49:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-47566-1999.10.31-15.04.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jim,
Nice to hear from you, and glad to hear of your interest in playing with
the "rocks". Figuring out your gridsquare is very easy...and it can be
done right on the 'net. Surf to the PropNET website
(http://www.rochesterny.org/propnet) and select the hyperlink for
"Construction Plans". At the top, you'll see a hyperlink to an on-line
grid-calculator! It doen't get much easier. :o)

Also...as for the PK232, you probably qualify as a "Client Class"
station. Detailed instructions are in November QST and CQ-VHF. Of
course, the same information is on the website, in the same area as the
grid-calculator that I referred to above. Simply follow the instructions
for setting up a Client-Class Node, and add the steps at the bottom for
setting up a Meteor Node.

Welcome aboard!
Ev, W2EV
ps-I've cc:d your note to the PropNET listserve on TAPR. There are no
doubt others with similar questions lurking there, too. If you have a
moment, join the listserve. It's low traffic (so it won't clogg your
mailbox full of "stuff"), and high quality (high "signal to noise" ratio).
:o) You may subscribe by visiting: http://www.tapr.org and joining the

PropNET SIG (special interest group).

"James L. Turnbull" wrote:

> Ev, I sure enjoyed your article in Nov QST . I have a AEA PK232 MBX
> tnc should this work?
> How do I change my Latitude and Longitude 36,21,47N,82,21,58W to
> Maidenhead grid squares ? Is there a chart available to enable one to
> do so or is there a calculation to do the conversion?
> Thanks Jim WD4EBT

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] WinCE Terminal Help

From: PropNET <propnet@greeceny.com>
Date: Sun, 31 Oct 1999 17:15:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47576-1999.10.31-16.31.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are using a WindowsCE computer for packet, please tell my how you
set it up. I'm getting frustrated with my lack of success in getting my
Jornada to communicate with my KPC3+.

I'm attempting to become familiar with WinCE prior to playing with the
forthcoming CE-version of APRS. I thought I'd try simply hooking up my
Jornada 680 to a KPC3 via the serial port to play with standard
text-based packet. I've puchased the serial cable for the Jornada,
which terminates in a DB-9.

My problem is that WinCE's Terminal program has only three options under
"Select a Modem": Hayes Compatible on COM1:, Built-in Modem, RaoIR Port
on COM4:.

I've tried the Hayes Compatible on COM1: and pressed the "Configure"
button and set the Connection Preferences to 9600, 8, N, 1, Hardware.

I power-on the KPC3, thinking I should see the standard powerup stuff
from Kantronics, but . . . nuthin'. I'm about to resolder the serial
cable...but I doubt that's the problem (as it works on my WindowsPC and
the same KPC TNC).

If anyone has been successful in using a WindowsCE computer with a TNC,
I'd be interested in your WindowsCE Terminal settings.

Regards,
Ev, W2EV
--
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study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

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17. [propnet] Re: Leonids sched

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 31 Oct 1999 20:02:20 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47607-1999.10.31-22.15.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a 4 element 2 meter beam that I will setup for the MS experiment. Is
there a preferred "elevation" (e.g, 30 degrees) to aim the beam at?

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Leonids sched

From: "Mark Pagel" <thepagels@theriver.com>
Date: Sun, 31 Oct 1999 22:27:40 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47615-1999.10.31-23.41.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK folks, help me out here a bit.

The article in the November issue of QST , "An Automated Meteorscatter
Station" really got me confused.
The paragraph that lost me was the one on page 47..."The Practice-The trick,
if there is one, is to
use WinAPRS to decode received packets while configuring you TNC to send
properly formatted packets... "

Why is the author telling us that we have to alter our transmitted APRS
packets from what the program
normally does???? Why is standard APRS not good enough for MS work?

Thanks.
Mark
N6NZO

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Re: Leonids sched

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 31 Oct 1999 23:36:02 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47617-1999.10.31-23.48.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/enriched

At 10:27 PM 10/31/1999 -0700, Mark Pagel sent:

>OK folks, help me out here a bit.

>

>The article in the November issue of QST , "An Automated Meteorscatter

>Station" really got me confused.

>The paragraph that lost me was the one on page 47..."The Practice-The

>trick, if there is one, is to use WinAPRS to decode received packets

>while configuring you TNC to send properly formatted packets... "

>

>Why is the author telling us that we have to alter our transmitted
APRS

>packets from what the program

>normally does???? Why is standard APRS not good enough for MS work?

Because the normal packet from WinAPRS is too long for short pings
(meteor enhanced propagation). A normal packet from my station looks
like this:

<fontfamily><param>Arial</param>KD5XB-2>APW233:=3425.43N/10312.70W-PHG5130/KD5XB@AMSAT.ORG
-NMCURCLOVIS -233-<<530>

</fontfamily>

While a packet from my station when configured for meteor scatter looks
like this:

KD5XB-2>EM84:[$]

We try to make our MS packets as short as possible to give them a better chance of getting across during a ping.

7 3

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG

Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

November 1999

Original source file: propnet.9911
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9911

1. [propnet] MS Antenna Thoughts [was: Leonids sched]

From: PropNET <propnet@greeceny.com>
Date: Mon, 01 Nov 1999 06:12:38 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47642-1999.11.01-05.26.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The best DX will be had with an elevation of 0-degrees (aim at the horizon).

A 4-element beam has a broad enough main lobe that it will bathe (I've been
waiting to use that word properly <grin>) the sky with RF. "Up tilting" an
antenna array seems to be the thing to do only with highly directional antenna
arrays, like moonbounce-capable arrays. Even then...the jury is out as to what
is "best", since the geometry of an MS-path is rarely a constant.

The most successful MS stations use antennas of modest gain (4 to 18 elements)
and high power (the more the better). The idea is to hit as many meteors as
possible. Too narrow of an antenna beamwidth will cause one to "miss" some
trails.

GL!
-=Ev, W2EV=-

Richard Parry wrote:

> I have a 4 element 2 meter beam that I will setup for the MS experiment. Is
> there a preferred "elevation" (e.g, 30 degrees) to aim the beam at?
>
> ---------------
> Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> ---------------
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Leonids Live! balloon flight scheduled for November 18, 1999

From: sonic <sonic@pcom.net>
Date: Mon, 01 Nov 1999 14:36:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-47708-1999.11.01-13.49.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>NASA Space Science News for November 1, 1999
>
>NASA Meteor Balloon Rises Again: NASA scientists and ham radio amateurs
>are teaming up for a weather balloon flight to the stratosphere
>during the Leonid meteor shower on November 18, 1999. The balloon
>will transmit a live webcast of the meteor shower from an altitude
>of 100,000 ft or more, far above any bad weather or obscuring clouds.
>The transmission will include audio from a VLF radio receiver
>designed to capture natural radio signals from the meteors. FULL STORY at
>
>   http://science.nasa.gov/newhome/headlines/ast01nov99_1.htm
>
>NASA
>Meteor Balloon Rises Again
>
>
>==

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Re: MS Antenna Thoughts [was: Leonids sched]

From: Richard Parry <rparry@qualcomm.com>
Date: Mon, 01 Nov 1999 20:29:16 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-47768-1999.11.01-22.42.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for answering the "elevation" question.

At 06:12 AM 11/1/99 -0500, you wrote:
>The best DX will be had with an elevation of 0-degrees (aim at the horizon).
>
>A 4-element beam has a broad enough main lobe that it will bathe (I've been
>waiting to use that word properly <grin>) the sky with RF. "Up tilting" an
>antenna array seems to be the thing to do only with highly directional antenna
>arrays, like moonbounce-capable arrays. Even then...the jury is out as to
>what
>is "best", since the geometry of an MS-path is rarely a constant.
>
>The most successful MS stations use antennas of modest gain (4 to 18 elements)
>and high power (the more the better). The idea is to hit as many meteors as
>possible. Too narrow of an antenna beamwidth will cause one to "miss" some
>trails.
>
>GL!
>-=Ev, W2EV=-
>
>
>Richard Parry wrote:
>
> > I have a 4 element 2 meter beam that I will setup for the MS experiment. Is
> > there a preferred "elevation" (e.g, 30 degrees) to aim the beam at?
> >
> > ---------------
> > Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> > ---------------
> >
> > ---
> > You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>--
>PropNET: an automated network, designed to
>study propagation anomolies.   Intreagued?
>http://www.RochesterNY.org/PropNET
>
>
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: Meteor Scatter

From: Evhen Tupis <evman@ix.netcom.com>
Date: Thu, 04 Nov 1999 19:45:45 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-48113-1999.11.04-19.00.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Jack,
If you choose to use the KPC3, you will need to set it up as a standard
TNC-2 Clone TNC. However...the KAM with ROM 8.2 will be a perfect
station. If you can use that, I'd highly suggest it. It will attempt
to QSL a contact (since it will reply to the QSL1-1 that a DX station

will request). The lower ROM version on the KPC3 won't do that.

The Leonids are slated for gracing us on the evening of November 17th
and early morning of November 18th. That's the "peak". There should be
usable rocks from the 16th through th 19th, though. Best thing to do is
run throughout the period, checking your screen periodically. If you
can operate only one overnight period, choose the peak.

As for "best direction" to point...that depends on where the
participating DX stations are. You'd do well to subscribe to the
PropNET listserve on http://www.tapr.org as shortly, folks who are
participating will begin to state their intentions. You'll easily be
able to determine a "best direction" based on that info. I've cc:'d
this note to that listserve so other interested folks will know that
you're planning on joining in on the fun.

BTW...we're on 147.585-MHz this time. 145.79 is being abandoned because
of its' proximity to the International Space Shuttle (which is slated to
be on 145.800).

Welcome aboard! There seems to be a lot of interest building for this
years' event!

Regards,
Ev, W2EV

Hi Ev,
I read the article in QST and have set up my KPC3 version 6.0, and also
have the use of a KAM Plus version 8.2, here that I use for VHF/HF work
most of the time. First I wonder if I should consider using the KAM
with the higher version update for the project, or will the KPC3 at
version 6.0 do fine?
Secondly, November is the month (obviously), but when in November? I
will be setting this up between 11 PM and 7AM overnight when I am
sleeping. Is this the best time to do this? I am in Oakland, CA, so I
suppose I should point my beam East, or NorthEast.
So, if you would let me know when and where to listen I can't wait to
get started and see who I can track. I also have a vertical here for 2
meters if that would be better. I assume from the piece that the
frequency to use is at 145.79 on 2 meters.
That's it for now. Thanks in advance for the help.
73,
Jack W6ABC

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Re: [aprssig] Leonids success prospects.

From: "Ben Pollard" <ben@classicbrews.com>
Date: Fri, 5 Nov 1999 19:25:25 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48304-1999.11.05-19.39.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think I mentioned this a month or so ago, let's see I can run 160 watts
into 18 elements at 55 ft on 145.79 or I can run 25 watts into a j-pole at
25 feet. I wonder where I'll have better luck at a MS qso. Guess I'll run
ssb when I'm home and shut it down when I'm not rather than leave it in MS
mode.

73
Ben
WS5R
DM95cf

> While the use of 147.585 is an alternative, and may be necessary next
year,
> the use of 145.790 is a far more desirable option for this year's Leonids,
IMO.
>
> Most "weak signal" operators that play with APRS will be better able to
use
> that part of the band closer to the frequency (144.2?) their system may be
> optimized for. While the use of typical 50 watt transmitters with a
typical
> "gain" vertical might yield results with another typical station, there is
a
> much better chance for all to be heard, and an actual exchange of packets

> made to complete the first APRS ms qso, if higher profile stations were
> included in the mix to enhance the probability of success. I have no
desire to
> cripple my attempt on 147.585, when other, more favourable frequency
> options exist.
>
> I have no desire to operate at the lowest performance frequency option
from
> where my antenna system is optimized. I suspect that 147.585, is a poor
> choice for most others, with beam antennas, when every db of gain should
> be utilized to maximize the probability of success in a "crapshoot" ms
> scenario.
>

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: Meteor Scatter

From: Evhen Tupis <evman@ix.netcom.com>
Date: Fri, 05 Nov 1999 22:09:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-48319-1999.11.05-21.23.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Doug,
Thanks for your kind words on the articles. I had a lot of fun writing
them.

You are asking all of the right questions, for sure! :o)

160 watts is a very productive power to use for APRS meteor scatter.
You should have significant success if you attempt with that. The
omni-directional antenna will be an interesting experiment. Most folks
use 4- to 14-element vertical beams. I'd bet you'd have some success
though. Best of all...you won't need to decide what direction to
listen-in since you'll be listening 360-degrees. :o)

Your question about the 17 element beam is also an intreaguing one. As
it turns out, since we will be on 147.585-MHz, you will probably be in
the high-SWR area for that antenna. You will see significantly better
result with a smaller beam, not only because it tends to be broader in
bandwidth, but also for the reason that you mention, a broader beam
width will bathe the sky more broadly...providing you with a better
opportunity to catch a falling star.

Be sure to subscribe to the PropNET listserve (they call it a Special
Interest Group) on http://www.tapr.org as that is where you'll find
similar experimenters. The listserve has a very high signal to noise
ratio. You won't be inundated with eMails. Actually...about the only
times the listserve is active is for Meteor events. Come, join us.

Welcome Aboard!
Regards,
Ev, W2EV

ps-your note and this reply was sent to the PropNET listserve to let
folks know that you may be active for the Leonids...and to be on the
lookout for your icon.
==========
Hello Ev,

I wanted to thank you for the very interesting article in this months
QST,
"An Automated Meteor-Scatter Station". I have dabbled with APRS in
the past but just could not become very interested in it.

I believe this could become a good "next" project here. I am in the
process
of reconfiguring the tower to put up vhf antennas for satellite. This
MS
via APRS seems to be the mode to try next. The station is capable of
running 160 watts output using the Kenwoood TS-790A and amplifier.
Until the beams are up, I will be using a omni-directional antenna, +9
dB
gain (??).

Do you have any recommendations as to the elevation angle to try
once the beam is up ? I do have a 10 element beam that can be
easily installed but the new antenna is a 17 ele. I am thinking that
maybe the broader pattern of the 10 ele may be more productive than
the sharper pattern of the 17 element antenna. I would like your
comments and experiences on this Ev.

Until the showers, I will be playing around sending some packets during
the evenings and mornings and seeing if anything shows up on the screen.
Hope to see you there.....

Again, thanks Ev. The article was very interesting and informative.

Regards,

Doug Fagan
KJ4X
Pickens SC (EM84PW)

yacht1@carol.net

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] Leonids MS Instructions

From: Evhen Tupis <evman@ix.netcom.com>
Date: Fri, 05 Nov 1999 22:16:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48320-1999.11.05-21.30.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Leonids Meteor Shower is upon us (the overnight period of
17 November is the "peak", but the 3-dB point in meteor volume
is +/- 1 day) and will be an excellent opportunity to
experiment with MS using very brief Grid Square packets.
During the Leonids of 1998, APRS stations recorded tons
of DX packets on 2m of paths between 600 to 1200 miles. This
year we can better even that.

Recently, both QST and CQ-VHF ran articles featuring Meteor
Scatter using WinAPRS software. Of course, APRSdos has a very
effective Meteor Mode built-in. Whatever your software choice,
choose to participate!

Below is information that will help you to prepare. Thanks to
Bob Bruninga (WB4APR) on whose text (meteor.txt) this is based.
The information has been modified to provide information on the
use of WinAPRS for Meteor Scatter work. If you are planning on
using APRSdos, scan to the section below that deals with that
software version.

The latest available information on this topic is available at:
http://www.RochesterNY.org/PropNET

Ev Tupis, W2EV

==== WinAPRS Users ==

For WinAPRS users, do the following (this will place WinAPRS in
receive-only mode -- you will manually configure the TNC to send
correctly formatted packets):
 Settings | TNC | Receive Only
 Settings | Open VHF TNC
 Windows | Terminal Window

    IF your TNC is a Kantronics with a ROM-vers less than 8.2:
       BEACON EVERY 0
       LTP 1 GRIDSQ VIA QSL1-1
       LT 1]G[<- "G" is one of hundreds of possible icons.
                       "G"=gridsquare, "-"=house, "y"=yagi, etc.
       BLT 1 EVERY 00:00:05
    IF your TNC is a Kantronics with ROM 8.2 or above, add this:
       UITRACE QSL,30

    Other brands of TNC do this:
       UNPROTO GRIDSQ VIA QSL1-1 <-place YOUR 6-char gridsquare
                                    in place of GRIDSQ
       BTEXT]G[

BEACON EVERY 1 <-"1"=10-seconds

By using the configuration parameters outlined above, Windows APRS users have the ability to receive "QSL's" from Kantronics equipped stations. A Kantonics-equipped receiving station will digipeat once (that's the QSL1-1 parameter) what it hears. If the burn is long enough, the originating station may see the digipeat!

===== APRSdos Users and those seeking general information ======

PACKET FORMATS: A short packet is the best packet. Since most folks will be using one of the flavors of APRS(tm) software to decode anything that is received, it is best to use one of the formats below. Here are several examples, using station WB4APR and gridsquare of FM19DX.

WB4APR>FM19DX:]-[Bob	This is the Grid-In-TO format XMTed by APRSdos in MS mode. It will be plotted by all other APRS stations and all versions of APRS software
TNC-ONLY:	This grid-in-to format can be sent by any non-Kantronics TNC by setting the UNPROTO to your gridsquare and setting BText to]-[xxxx... Then set B E 1... for 10 second XMT rate.
WB4APR>BEACON:[FM19DX]Bob	This format can be placed in Kantronics TNC BText and sent every 1 minute with B E 1. It is longer, and infrequent, but it will be decoded by all stations.
WB4APR>FM19DX:	This is the same as Grid-in-to and can be sent by any TNC by setting UNPROTO to your GRIDSQ and then going to CONVERSE and hitting ENTER key as often as you like! See timing below: It is the shortest possible position packet!
NOTE:	THis format will NOT AUTOMATICALLY BE RECEIVED by other APRS stations unless they are in the Meteor scatter or GRID-IN-TO mode or have their FILTERS set to receive all packets.

APRSdos alt-S-FORMATS-MSCATTER MODE: This mode configures your station to receive GRID-IN-TO packets and to TRANSMIT them for 15 seconds continuous according to the regional timing plan. If you have less than 50 watts and dont want to QRM other locals, do not set APRSdos to MS format but set alt-S-FORMAT to grid-in-to. This way you can reveive MS packets. Both of these automatically set your FILTER to OTHER...

PATHS: Set your UNPROTO to QSL1-1. This will allow Kantronics equipped stations to attempt a single QSL-digipeat of your received packet. If you have the ability to send two different packets, with different UNPROTO's, then set the second UNPROTO to QSL1-1. This will allow Paccomm AND Kantonics ROM'd TNC's to attempt the same single QSL-digipeat. If any of this is confusing then just leave UNPROTO blank. Digipeating for the purposes of attempting a "QSL" is an experiment, and not proven at this point.

TIMING: To organize transmitting an reception periods for this test, the USA is divided into 4 regions. Each will transmit for 15 seconds and then listen for the remaining 45 seconds Starting with the Northeast at 00 seconds followed by the SEast at 15 seconds and then the SWest at 30 seconds and then the NWest at 45 seconds of each minute. All of this timing is built into APRSdos if you are running alt-S-FORMATS-MScatter mode.

ICONS: The]-[is the HOUSE Icon. Use]Y[if you are using a Yagi, or]`[if using a dish, or any of the other hundred APRS icons.

BEAMING: Point your beam at one of the other 3 quadrants and go for it!

Information for all stations, regardless of which version of APRS
you use:

STATION REQUIREMENTS: Although some MS packets have been seen on
OMNI antennas, these are very rare. Usually about 10 dB gain
from a beam is required to receive these weak packets.
Transmitting stations should run as much power as possible.
Anything less than 100 watts will have to be very lucky.

FREQUENCY: All stations participating should operate on
53.530-MHz or 147.585-MHz (or BOTH! <smile>). So here are the
recommendations:

   Be advised that 147.585 is considered a "local option" simplex
   frequency in many areas of the country. Listen before using
   this frequency. It may be coordinated for other use in your
   particular locality. If it seems vacant, come join us!

   If it is not vacant: 1) Try to listen on 147.585 for weak MS
                            packets amidst the local QRM. Don't
                            transmit or you will make enemies...
                         2) Transmit high power on 144.39 and
                            hope that someone in the rest of the
                            USA will hear you.   (But only
                            accidentally, since the serious MS
                            stations will all be over on
                            147.585-MHz).
                         3) Listen on 144.39 for weak DX packets
                            from all the rest of the USA on APRS
                            that are NOT participating in MS on
                            147.585-MHz.

If you run APRS, see the METEORS.TXT file included in all the
README files for more details. TEST beforehand. The APRSdos
MScatter mode has not been used much in the last 3 years, so I
hope it still works!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] Re: Blatant advertising.....but useful for prop study

From: PropNET <propnet@greeceny.com>
Date: Sat, 06 Nov 1999 17:31:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48374-1999.11.08-08.37.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ciemon,
I'm in the process of downloading UI-View now. Is there any "trick" to using a map of
the USA, rather than the one that comes with the program? Are there instructions
available for that? (it's downloading in the background, so I don't really know what
I'm getting, yet).

Ev, W2EV

Ciemon G0TRT wrote:

> Hi all,
>
>   Whilst I'm not an avid propagation nut, I love it when stations hundreds of
> miles away start appearing on my map. If only I could monitor more than one
> freq, 70cms, 6m, 4m, 10m, but that'd need a lot of gear??.....not anymore.
>
> Roger Barker G4IDE of Winpack fame has written UI-View, this is an APRS
> program aimed initially at the UK market, although there's no reason why it
> can't be used in other countries. It uses user made bmp files for maps, but
> most importantly can interface with tnc's, BPQ and the SV2AGW packet engine.
> What's important here is that the AGWPE has the ability to interface with
> KISS tnc's, baycom boards and soundcards. So you can now monitor as many
> ports as you want, using cheaply produced baycom boards, just what you need
> for monitoring multiple freqs.
>
> The software can be downloaded from:
>
> http://backdoor.to/g6odt
> http://members.tripod.com/~g6odt/packet.html

>
> Hopefully the latest beta will be available on this site, the current
> version being 2.06b
>
> 73...Ciemon G0TRT
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Meteor Shower time!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 08 Nov 1999 00:13:10 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48393-1999.11.08-08.43.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Due to many reports of pings here & there, I have moved my home station
over to 147.585 for the next two weeks or so.

        ALL Y'ALL POINT THIS WAY WITH APRS IN MS MODE!

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: Frequency use

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sun, 07 Nov 1999 20:29:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-48400-1999.11.08-08.47.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jim,
There's been a bit of confusion over the frequency. 145.79 is the old
MS frequency. It was abandoned because the International Space Station
was supposed to be active by now on 145.800. Because of that, we were
looking for a new home for MS. No general concensus was attained before
I had to go to press with the article. As a result, it was decided to
give 147.585-MHz a try. That is where we'll be this time around.

It will help if folks know who will be active and where they are. Do
what you can to subscribe to the PropNET Special Interest Group on the
TAPR website (http://www.tapr.org) as that is the listserve that we will
use to announce our intentions. That way, those of us with beams will
know which areas have activity and can beem in their direction.

I've taken the liberty of posting this reply to that listserve, too...in
hopes of letting folks know of your interestin participating.

Here's hoping that your station is seen by plenty of others!

Thanks for the attaboy on the article. Welcome aboard!

Warmly,
Ev, W2EV

> "Jerzycke, Jim" wrote:
>
> Hi, Ev. I just read your article in QST, and downloaded WinAPRS. I'm
> going to try it during the several days of the Leonids, but was
> wondering about the frequency to use. Am I correct in assuming most
> everybody will be using 145.79? I guess there hasn't been any
> "decision" on 147.585 yet. I haven't had the time to do a really
> thorough search of what may be in use here in SoCal, so I'm a little
> "scattered" myself (hi hi).
> If I do find anything significant for this area, I'll get back to you,
> but was just curious if you knew anything specific. I'll bet you got a
> TON of mail on this!
> BTW......nice article!
> If you have the time, you can reply to me either here at work:
> jwjerzycke@directv.com
> or at home: kq6ea@pacbell.net
>
> tnx, es 73.............Jim KQ6EA
>
>
>   Name: Tech Tools.gif
>   Tech Tools.gif   Type: GIF Image (image/gif)
>   Encoding: base64

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Re: Automated Meteor Scatter

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sun, 07 Nov 1999 20:45:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-48401-1999.11.08-08.48.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Chris,
Thanks for the note. The software you are looking for is available in a
couple of places.

First, http://www.rochesterny.org/propnet under the section called
"Construction Plans" you will see a hyperlink to download WinAPRS at the
bottom.

A second source is http://www.tapr.org/tapr/html/softf.html then scroll
down in the left frame until you see the option for "Latest WinAPRS".
When the list appears in your right frame, select waprs233.zip (as it is
the latest version of WinAPRS).

While you are there, be sure to subscribe to the PropNET Special
Interest Group listserve. That is where most MS enthusiasts are
congregating as we start to tell each other who will be active, so we
will be on the lookout (and beam our antennas, for those with
directional arrays).

I've cc:'d this reply to that listserve for others to be on the lookout
for you. Welcome aboard!

Warmly,
Ev, W2EV

"C. M. Soulias" wrote:
>
> Hi Ed,
>
> I found your article very interesting and would like to try my hand at
> this. However I am having softward problems. I downloaded a file called
> WINAPRS_IGATE.EXE which was the closest I could find. The article did not
> give a specific file name. It loads but can't find the map files. There
> is a large menu of files in the winaprs section on the tapr web page, but
> none seem to refer to a map library. Also the file I downloaded was less
> the 1M and the article stated it was 1.5M.
>
> I guess my question to you is what am I missing and where can I find it?
> Am I looking in the wrong place on the tapr page? If not, what file should
> I be downloading?

>
> Also wondering if you have any handle as to when the November Leonids will
> be around.
>
> Thanks Ed for you time. I'm really looking forward to giving this a shot.
> Hope you can steer me in the right direction.
>
> 73
>
> Chris Soulias, NK1J
> Durham, Ct 06422-0731
> CSoulias@compuserve.com

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] Re: Leonids!

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sun, 07 Nov 1999 08:34:29 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-48404-1999.11.08-08.49.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Gene!
Welcome aboard! It'll be good to have you active, too! I've cc:'d your
note to the listserve so folks will be informed of your activity, too.

Warmly,
Ev, W2EV

"Eugene M. Harriman II" wrote:
>
> Hello, my name is Gene, callsign N1EH. I just configured my packet station
> for meteor scatter ops. Just after I send this to you I'm going to the SIG
> at TAPR to get in on the newsgroup.
>
> Hoping to catch you all on the rocks!
>
> 73
>
> Gene

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

13. [propnet] Meteor Shower time!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 08 Nov 1999 07:34:30 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48421-1999.11.08-08.51.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Due to many reports of pings here & there, I have moved my home station
over to 147.585 for the next two weeks or so.

        ALL Y'ALL POINT THIS WAY WITH APRS IN MS MODE!

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

14. [propnet] Re: Meteor Scatter

From: Evhen Tupis <evman@ix.netcom.com>
Date: Mon, 08 Nov 1999 23:04:17 -0500

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-48546-1999.11.08-22.19.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Steve,
Thanks for the kind note. You'll want to subscribe to the PropNET
Special Interest Group Listserve on http://www.tapr.org. That is how us
packet MS experimenters communicate on the internet. You'll want to
announce your interest there, so others will be "on the lookout" for
you. Indeed, 160 watts will get you noticed. You'll have a good
station, for sure.

The frequency is 147.585-MHz.

I've taken the liberty of cc:ing your note to that listserve so others
may be motivated to listen in your direction, too.

Welcome aboard!
Ev, W2EV

Steve Arens wrote:
>
>   Ev,
>
>   Thanks for sparking my interest in another part of the hobby.
>   I cought your artical in QST and you mentioned a couple of
>   different freqs. 145.79 & 147.585. Which are you recommending
>   that we tune to?
>
>   From your artical it would appear that 160w & an 11 element beam
>   would due the trick. I will be listening and tring the mode from
> DM42
>   in Tucson, Az. I hope to have the ststion on the air for the shower
> that
>   will hit on or about the 11th from the newly discovered comet LINEAR
>
>   c/1999J3. Also for the Loenids shower.
>
>   Any info from a newbie into this part of the hobby would be
> welcomed.
>
>   Thanks,
>   Steve Arens
>   K0DVH@NETZERO.NET
>
> ____
> NetZero - Defenders of the Free World
> Get your FREE Internet Access and Email at
> http://www.netzero.net/download/index.html

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] Re: Leonids Watch

From: Evhen Tupis <evman@ix.netcom.com>
Date: Tue, 09 Nov 1999 06:28:12 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-48588-1999.11.09-05.42.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Jack,
It sounds like you've got things fairly well addressed for getting
active. 160 watts is plenty, for sure. You should be heard, provided
there is someone active and "in range" (within 1200 miles of you).

In the long run, I share the same consern about all of the on-and-off
cyclinc of the transceiver and amplifier, too. Ideally, it would be
nice if WinAPRS had a mode that allowed 10-seconds of continuous TX
followed by 10-seconds of continuous RX. But it doesn't. APRSdos (as
opposed to WinAPRS) does have a meteor mode, that does 15-sec TX/RX
sequences...but I'm afraid I don't have much experience with it (I find
it a difficult versino of APRS to learn/use).

Even having said that, I've been quite successful running overnight
using a TE Systems external amplifier. It just T/R's every few
seconds. It hasn't failed me yet. :o) Be sure to run with the preamp

"on", too. It may help to dig out one of the weak ones.

The 10-element beam is a great idea, btw. As for polarization, most studies have found that the geometry of a meteor burst is random enough that it probably doesn't matter. In the long run, if you can run vertical, you will be better off as there is a movement afoot that implies that narrowband operators may be using 147.585-MHz during VHF contests to announce/track contest rovers...who will, in all probability, be running vertical polarization. Additionally, if you plan on being active on 144.2 SSB/CW at the same time as chasing rocks on packet, the vertical polarization on FM will help to isolate the two operations better.

As for operation time, a lot depends on how immune your neighbors are to RFI :o). A majority of the operation will take place "overnight", with people starting their automated stations after 11:00 pm and letting it run until morning. A smaller crew (me included) will start the "day before" and let the whole thing run until the "day after" a predicted peak. Because of light channel loading, you may wish to set your BLT to 00:00:05 (to beacon every 5-seconds) rather than every 10-seconds. That is OK to do, and will double your chance of being heard. It's your call, really.

For the Leonids, the peak is November 17/18.

If you haven't already, subscribe to the PropNET listserve on http://www.tapr.org (they call it a Special Interest Group). That is the listserve that most participants will use to communicate with each other. It's a low-volume, high-quality listserve...usually active only during events like the Leonids, Perseids, etc.

I've taken the liberty of cc:ing this reply to the listserve, in hopes it may help others with similar questions. Again, Welcome Aboard!

Ev, W2EV
FN03, Rochester NY

Jack wrote:
>
> Hi Ev,
> I wanted to let you know I have my station just about together for the
> MS. I will be running a minimum of 50 watts into a 10 element beam
> probably pointed toward the NE.
> I will also be able to run higher power at 160 watts. I want to make
> sure the amp does not overwork itself with all of the off and on
> transmissions it will be handling. It is an RFConcepts 2-417
> 45in-170out. If you think there will be no problem I will most
> definitely go hi-power. One final question, should I be vertically or
> horizontally polarized?
> I will also be using a Kam Plus version 8.2, so I will be able to have
> the QSL function working as well. Well, it's almost set up and sounds
> like an exciting experiment. When should I start the beaconing, and for
> how many hours? I am a newbie at all of this so that's why all the
> questions. I think I've asked all I need to know right now!
> All the best and 73,
> Jack W6ABC in Oakland, CA

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] Re: Leonids Watch

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 09 Nov 1999 07:38:58 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48597-1999.11.09-08.52.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:28 AM 11/9/1999 -0500, Evhen Tupis sent:
<snip>
>As for operation time, a lot depends on how immune your neighbors are to
>RFI :o). A majority of the operation will take place "overnight", with
>people starting their automated stations after 11:00 pm and letting it
>run until morning. A smaller crew (me included) will start the "day

>before" and let the whole thing run until the "day after" a predicted
>peak. Because of light channel loading, you may wish to set your BLT to
>00:00:05 (to beacon every 5-seconds) rather than every 10-seconds. That
>is OK to do, and will double your chance of being heard. It's your
>call, really.

        I'm there NOW. I've seen several reports of MANY pings already, so am
operating on 147.585 already.

        Question: My TNC only does KISS, is it possible to set a beacon in KISS
mode? Using WinAPRS, I only get one packet a minute, but Mark promises
that he's got 10-second beaconing in the works.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Two Newbie Questions

From: Jerry Flanders <flanders@groupz.net>
Date: Tue, 09 Nov 1999 10:01:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48601-1999.11.09-09.15.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Propnet guys

Although I have used TNCs for years on HF, I have never done any packet
operating, so I am a complete ignoramus on this subject.

(1) After reading the article publicizing the MS contact propnet in QST
recently, I started wondering if there is enough info exchanged in both
directions in the auto QSO to permit a QSL card exchange. The ARRL handbook
tells me that the basic QSL card requirements are: Callsign, Date, Time,
Band, and Mode. Looks to me like all of these are known for the QSL'ed MS
contacts. Are guys currently exchanging QSLs on the basis of these MS
contacts?

(2) Also, I understand that the use of the KAM V8.2 tnc is necessary to
make the QSL exchange as outlined in the article if only a stand-alone TNC
is used, but I can't help but wonder if it isn't possible to simply use an
attached computer to monitor the received data string and send a larger
packet with the computer-inserted additional data. This might then allow
ANY TNC (like my old PK-232) to be used for the QSL QSOs. Are there reasons
this cannot be done?

Thanks

Jerry Flanders W4UK   EM93an South Carolina

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Freq in SoCal?

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Tue, 9 Nov 1999 11:3:17
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48605-1999.11.09-11.16.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, everybody. I'm planning on running for three days during the shower
from DM03ut. I've been listening at night on 145.585, and haven't heard
anything. The ARRL Repeater Guide lists 145.550 for SAREX, and 145.610 for
"General Packet Use".It also lists 145.50 to 145.80 as "Misc and
Experimental Modes". I've looked around on the various websites I could
find, and 145.585 seems pretty much up for grabs.
Anybody have any thoughts? I'd hate to step on anybody whos's been using
the freq, but I'd also really like to participate in a new mode (for me,

antway!).
Regards, Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Another Active Station

From: Tate <KC7ZRU@cyberhighway.net>
Date: Tue, 09 Nov 1999 13:20:17 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48626-1999.11.09-14.33.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Making my first attempt at APRS MS!

I'll be active during both the Lineards(sp?) (aprox peak night of the 10/11th)
and the Leonids (peak about the 17/18th) events.

Running a KPC3+(V8.2 and using the software carrier detect) into an IC-2000 on
high power (supposed to be 50 watts, but seem to be only getting about 35 out
of 'er) into a stacked pair of 4 ele beams about 20' up. I'll watch the power
levels. If things seem to be staying a bit lowish, I'll likely switch over to
a TM-V7A. The V7A does look to be putting out an honest 50 watts.

Direction? Guess I'll aim about 300 true for the Lineards and 120 for the
Leonids - split the diff. Most certainly open to suggestions!

For the Lineards I plan to start ops on the night of the 9th (tonite!), for
the Leonids the 16th - both about 2200MST (1600z) and run continuous entil
about the same time the night after the expected peak.

Hope to see you on WinAPRS on 147.585!

(I put a lot of detail in there for review. Feel free to set me straight or
make suggestions - thanks!)

73
--
                  KC7ZRU | In Laramie Area
                Laramie, WY | UARC Repeater
                  DN71eh | 146.610
  "The Dungeon" online at http://www.cyberhighway.net/~tateb

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20. [propnet] MS Thursday?

From: Mel Roberts <w3mr@erols.com>
Date: Tue, 09 Nov 1999 16:59:12 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48644-1999.11.09-16.12.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,
  Is anyone going to be doing the 2M MS experiment this Wednesday/
Thursday for the newly discovered Linearids?
73 Mel W3MR

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

21. [propnet] Re: Freq in SoCal?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 09 Nov 1999 20:43:45 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48699-1999.11.09-21.57.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:03 AM 11/9/1999, Jim Jerzycke wrote:
>Hi, everybody. I'm planning on running for three days during the shower
>from DM03ut. I've been listening at night on 145.585, and haven't heard
>anything.
<snip>

Most of us are using 147.585. Is that frequency clear in your area? It'd make a HUGE difference! <G>

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

22. [propnet] Re: MS Thursday?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 09 Nov 1999 20:45:53 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48701-1999.11.09-21.59.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:59 PM 11/9/1999 -0500, Mel Roberts sent:
>All,
> Is anyone going to be doing the 2M MS experiment this Wednesday/
>Thursday for the newly discovered Linearids?
>73 Mel W3MR

YES! In fact, I've seen several reports already of pings showing up, so I'm on 147.585 already.

Y'ALL BEAM THIS WAY!

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

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23. [propnet] On the air tonight

From: Jack <friday2k@pacbell.net>
Date: Tue, 09 Nov 1999 20:52:06 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48721-1999.11.09-23.20.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
W6ABC-2 is on the air right now beaconing every :10 beam heading is 70 degrees and power is 170w output on 147.585.
I do have a question though, if the long/lat. co-ordinates are not filled in how will any position show up on the map. Also don't we have to pick an icon to use? Would appreciate an answer. Also am copying KE6AJE-2 in Cupertino. Very loud into my receive as I am sure I am into his. Is this going to be a problem of constantly acknowledging each other? Any advise would be appreciated.
73,
Jack W6ABC-2 in Oakland,CA.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

24. [propnet] On and test beaconing

From: "Jack Lewalski" <friday2k@pacbell.net>
Date: Wed, 10 Nov 1999 0:30:7
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48738-1999.11.10-00.43.24--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Hi,
Finally got everything up and running tonight. W6ABC-2 is up and on the
air beaconing to the NW every 10 seconds. I got the Program WinAPRS to
function properly and give me the icon and is in receive mode to mark other
stations. The problem is with me setting things up correctly not the
program. The only station I can hear right now is also in the bay area
KE6AJE-2 in Cupertino, in the south bay. I am going to continue to beacon
for at least a couple of hours and maybe throughout the night. I can't
wait to see if I can catch a star on the 17-18th. I wonder if there have
been any activity to speak of as of yet? Any tips would be appreciated
since this is my first run at doing this.
73,
Jack W6ABC-2 in Oakland,CA CM87VT

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25. [propnet] Which Way to Point????

From: "Mark Pagel" <thepagels@theriver.com>
Date: Wed, 10 Nov 1999 00:05:05 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48740-1999.11.10-01.20.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks!

I think I am about to prove the point that QRP does not work on MS mode.

Down here in Tucson AZ, I have a 5W HT and a KPC 3+ into an 11 ele beam.

I think I am going to point to Los Angeles in hopes of stronger signals vs
pointing
to the center of the East Coast in hopes of better DX.

Any input? Is Los Angeles too close to Tucson for skip zone on MS mode???

Mark in Tucson
N6NZO

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26. [propnet] On 147.585 now

From: "Kevin Richman" <kevin@whidbey.net>
Date: Wed, 10 Nov 1999 00:14:58 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48745-1999.11.10-02.28.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all:
I will be transmitting on 147.585 MHz now till Nov 18.
CN87VX
N 47.58.55
W 122.10.54
Power 150 watts
Antenna 5/8 vertical at 20 feet
unproto CN87VX VIA QSL1-1 every 10 seconds
TNC PK-232MBX
Hope to see some of you on my screen.
Drop me a line if you happen to hear me.
   Thanks
         Kevin
               KB7RPE
[Attachment: winmail.dat; application/ms-tnef; 1,704 bytes]

27. [propnet] Re: Two Newbie Questions

From: PropNET <propnet@greeceny.com>
Date: Wed, 10 Nov 1999 06:36:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48748-1999.11.10-05.50.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The issue of counting a "PropNET QSO" as a valid QSO has never been addressed.
Up to this year, we've been quite satisfied with no attempt at an automated

QSL. Our transmissions have simply omitted the QSL1-1 parameter.

This is the first year that we are experimenting with an automated QSL. Even
then, this function is simply a response to a received packet and doesn't
contain any position information for the responding station.

Example:
Original Station sends: W6AA-6>CQ,QSL1-1:[CN87XX]
The DX Station sends: W6AA-6>CQ,K0ZZ-6,QSL1:[CN87XX]

This packet tells us that the K0ZZ-6 responded to the QSL1-1 query, and
digipeated W6AA-6, but nothing more. We have to wait until we catch a packet
from K0ZZ-6 to find out where it is located.

How will W6AA-6 know that a DX station "QSL'd"? By double-clicking on an icon
and viewing the receive-log for that station.

It will be entirely possible that a vast majority of contacts will be one-way,
as many factors are involved in the geometry and usable burn-length of a meteor
trail.

Don't forget: the use of QSL1-1 is an experiment being attempted for the first
time this year. Lets learn together! :o)

The answer to your second question is a simple, "Yes, software can do
anything". :o) Unfortunately, we are limited by the functionality of WinAPRS
(the software) at this time. I'm in the process of starting to experiment with
UI-View (a competing product) to see if it is any more MS-friendly...but won't
be in much of a position to comment until later in the winter.

Good questions, by the way. Innovation is born from such inquiry. :o)

Ev, W2EV
FN03, Western NY

Jerry Flanders wrote:

> Hello Propnet guys
>
> Although I have used TNCs for years on HF, I have never done any packet
> operating, so I am a complete ignoramus on this subject.
>
> (1) After reading the article publicizing the MS contact propnet in QST
> recently, I started wondering if there is enough info exchanged in both
> directions in the auto QSO to permit a QSL card exchange. The ARRL handbook
> tells me that the basic QSL card requirements are: Callsign, Date, Time,
> Band, and Mode. Looks to me like all of these are known for the QSL'ed MS
> contacts. Are guys currently exchanging QSLs on the basis of these MS
> contacts?
>
> (2) Also, I understand that the use of the KAM V8.2 tnc is necessary to
> make the QSL exchange as outlined in the article if only a stand-alone TNC
> is used, but I can't help but wonder if it isn't possible to simply use an
> attached computer to monitor the received data string and send a larger
> packet with the computer-inserted additional data. This might then allow
> ANY TNC (like my old PK-232) to be used for the QSL QSOs. Are there reasons
> this cannot be done?
>
> Thanks
>
> Jerry Flanders W4UK   EM93an South Carolina
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

28. [propnet] Re: Freq in SoCal?

From: PropNET <propnet@greeceny.com>
Date: Wed, 10 Nov 1999 06:38:36 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48749-1999.11.10-05.53.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Though it may change in the future, for now, we're on 147.585 (at the top-end
of the band), Jim. Also, don't be too excited until we approach the peak
(Nov 17/18) of the event. Notwithstanding the occational overdense burst,
you'll have more activity to hear then, too.

-= Ev, W2EV =-

Jim Jerzycke wrote:

> Hi, everybody. I'm planning on running for three days during the shower
> from DM03ut. I've been listening at night on 145.585, and haven't heard
> anything. The ARRL Repeater Guide lists 145.550 for SAREX, and 145.610 for
> "General Packet Use".It also lists 145.50 to 145.80 as "Misc and
> Experimental Modes". I've looked around on the various websites I could
> find, and 145.585 seems pretty much up for grabs.
> Anybody have any thoughts? I'd hate to step on anybody whos's been using
> the freq, but I'd also really like to participate in a new mode (for me,
> antway!).
> Regards, Jim KQ6EA
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies. Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

29. [propnet] Re: On the air tonight

From: PropNET <propnet@greeceny.com>
Date: Wed, 10 Nov 1999 06:55:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48755-1999.11.10-06.10.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jack,
If your TX packet takes one of the following forms:
W6ABC-2>CN87XX,QSL1-1:$
-or-
W6ABC-2>CQ,QSL1-1:[CN87XX]

where CN87XX is *your* 6-digit gridsquare, then your position information is
embedded an you're all set. If you don't know your gridsquare, then surf to
http://www.rochesterny.org/propnet and select the hyperlink for
"Construction Plans". At the top is a hyperlink to an on-line gridsquare
calculator.

As for the other station, don't worry. The duty cycle of a channel with
even several stations on it is quite low. Don't consider it as
interference. Instead, you may actually be seen by a station that doesn't
hear you directly!

The geometry of a burn may not favor a path from you...but it may favor a
path from Ke6AJE. By QSLing your transmission, it *may* actually catch a
burn to a DX station. That's part of the experiment, too. :o)

We'll all be curious to find out what gets received this time around. Keep
us posted.

Ev, W2EV

Jack wrote:

> Hi,
> W6ABC-2 is on the air right now beaconing every :10 beam heading is 70
> degrees and power is 170w output on 147.585.
> I do have a question though, if the long/lat. co-ordinates are not
> filled in how will any position show up on the map. Also don't we have
> to pick an icon to use? Would appreciate an answer. Also am copying
> KE6AJE-2 in Cupertino. Very loud into my receive as I am sure I am into

> his. Is this going to be a problem of constantly acknowledging each
> other? Any advise would be appreciated.
> 73,
> Jack W6ABC-2 in Oakland,CA.
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

30. [propnet] Re: On and test beaconing

From: PropNET <propnet@greeceny.com>
Date: Wed, 10 Nov 1999 06:57:36 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48756-1999.11.10-06.12.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oh yes...don't be discouraged by lack of early meteor returns. By and large,
the most activity is during the actual peak. Stay active for as long as you
can throughout the period (through the 19th, if possible) and see what happens.

That's part of the excitement...not really being able to predict what you'll
get. :o)

Ev, W2EV

Jack Lewalski wrote:

> Hi,
> Finally got everything up and running tonight. W6ABC-2 is up and on the
> air beaconing to the NW every 10 seconds. I got the Program WinAPRS to
> function properly and give me the icon and is in receive mode to mark other
> stations. The problem is with me setting things up correctly not the
> program. The only station I can hear right now is also in the bay area
> KE6AJE-2 in Cupertino, in the south bay. I am going to continue to beacon
> for at least a couple of hours and maybe throughout the night. I can't
> wait to see if I can catch a star on the 17-18th. I wonder if there have
> been any activity to speak of as of yet? Any tips would be appreciated
> since this is my first run at doing this.
> 73,
> Jack W6ABC-2 in Oakland,CA CM87VT
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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31. [propnet] Re: Which Way to Point????

From: PropNET <propnet@greeceny.com>
Date: Wed, 10 Nov 1999 07:00:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48757-1999.11.10-06.15.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Mark,
With 5-watts, it's doubtful that you will be heard by many other statoins (but
'ya never know). Beaming toward W6 is probably a good idea. Many have
already posted their activity here (hopefully along with their grid location

to help you to know where to point your beam for best possible results).
"Best" results will be in the 500-800 mile range, though several 1000-mile
contacts were made last year, too.

Welcome aboard!
Ev, W2EV

Mark Pagel wrote:

> Hi folks!
>
> I think I am about to prove the point that QRP does not work on MS mode.
>
> Down here in Tucson AZ, I have a 5W HT and a KPC 3+ into an 11 ele beam.
>
> I think I am going to point to Los Angeles in hopes of stronger signals vs
> pointing
> to the center of the East Coast in hopes of better DX.
>
> Any input? Is Los Angeles too close to Tucson for skip zone on MS mode???
>
> Mark in Tucson
> N6NZO
>
> ---
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--
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32. [propnet] Confusion on Freq for Meteor Shower

From: "Jeff Kelly" <jkelly@bellatlantic.net>
Date: Wed, 10 Nov 1999 08:04:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48760-1999.11.10-07.18.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone please confirm the frequency used
for APRS and Leonids. The QST article is a little
vague. (Tate can't email back to you).

Thanks,

Jeff Kelly
KT2K

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33. [propnet] I'll be active from San Diego, DM13LA

From: Richard Parry <rparry@qualcomm.com>
Date: Wed, 10 Nov 1999 07:52:41 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48773-1999.11.10-10.06.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just wanted to let folks know I will be active from San Diego DM13LA during
the shower. I look forward to seeing your icons and you mine.

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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34. [propnet] Re: Two Newbie Questions

From: Richard Parry <rparry@qualcomm.com>
Date: Wed, 10 Nov 1999 07:54:39 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48776-1999.11.10-10.08.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The article placed too much emphasis on the Kantronics TNC. In fact, there
were minor errors. I use Paccomm and it is superior in some ways, it has
hardware DCD.

At 10:01 AM 11/9/99 -0500, Jerry Flanders wrote:
>Hello Propnet guys
>
>Although I have used TNCs for years on HF, I have never done any packet
>operating, so I am a complete ignoramus on this subject.
>
>(1) After reading the article publicizing the MS contact propnet in QST
>recently, I started wondering if there is enough info exchanged in both
>directions in the auto QSO to permit a QSL card exchange. The ARRL handbook
>tells me that the basic QSL card requirements are: Callsign, Date, Time,
>Band, and Mode. Looks to me like all of these are known for the QSL'ed MS
>contacts. Are guys currently exchanging QSLs on the basis of these MS
>contacts?
>
>(2) Also, I understand that the use of the KAM V8.2 tnc is necessary to
>make the QSL exchange as outlined in the article if only a stand-alone TNC
>is used, but I can't help but wonder if it isn't possible to simply use an
>attached computer to monitor the received data string and send a larger
>packet with the computer-inserted additional data. This might then allow
>ANY TNC (like my old PK-232) to be used for the QSL QSOs. Are there reasons
>this cannot be done?
>
>Thanks
>
>Jerry Flanders W4UK   EM93an South Carolina
>
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

35. [propnet] Re: Freq in SoCal?

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Wed, 10 Nov 1999 11:44:3
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48789-1999.11.10-11.57.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, guys. I was "listening" on 144.390, and was a little surprised
when my rig fired up to "join" the ongoing activity. At least I know
everything works! Tonight I'll set up the correct MS xmit parameters and
run on 145.585.
Hope to see a little activity, but who knows. That's all part of the
excitement!
73.....Jim KQ6EA

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36. [propnet] Heads up! The Leonids are coming

From: sonic <sonic@pcom.net>
Date: Wed, 10 Nov 1999 14:01:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org, aac@ciag.net
Message-ID: <LYR1548-48797-1999.11.10-13.14.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: Heads up! The Leonids are coming
>
>NASA Science News for November 10, 1999:
>
>Heads Up! - The upcoming Leonids meteor shower (Nov. 17-18) is
>predicted to be the biggest in decades and perhaps for the
>next century. While we are safe on the ground, satellite operators
>are concerned that even small impacts could short-circuit satellites.
>NASA will coordinate a team that helps track changes in the shower
>that could be a storm. Full story:
>
>   http://science.nasa.gov/newhome/headlines/ast10nov99_1.htm
>
>
>Link for AOL users.
>
>==
>You are subscribed to NASA's Space Science News mail server.
>This is a free service.
>
>To add, remove, or change your address on this service,
>go to
>
>   http://science.nasa.gov/news/subscribe.htm
>
>
>Link for AOL users.
>==
>
>Linda Porter
>Code SD23
>Science Systems Department
>NASA/Marshall Space Flight Center
>Huntsville AL 35812
>
>(256)544-7588
>(256)544-7128 (fax)
>linda.porter@msfc.nasa.gov
>
>http://science.nasa.gov/
>
>

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

37. [propnet] Re: Confusion on Freq for Meteor Shower

From: Tate <KC7ZRU@cyberhighway.net>
Date: Wed, 10 Nov 1999 13:05:02 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48805-1999.11.10-14.18.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Duh!

Guess I could have sent ya the freq!!
(I sent Jeff email direct and forgot to include the freq)

We're all doing the WinAPRS Meteor Scatter thing on 147.585Mhz

By the by - so far nothing. Not too surprising - still early!!

73!

Jeff Kelly wrote:
>
> Can someone please confirm the frequency used
> for APRS and Leonids. The QST article is a little
> vague. (Tate can't email back to you).
>
> Thanks,
>
> Jeff Kelly
> KT2K
>

--
                  KC7ZRU | In Laramie Area

```
                Laramie, WY   |    UARC Repeater
                  DN71eh      |      146.610
  "The Dungeon" online at http://www.cyberhighway.net/~tateb

---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

38. [propnet] Re: Freq in SoCal?

```
From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Wed, 10 Nov 1999 17:27:28
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48821-1999.11.10-17.40.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Forgive the slight case of brain-fade....I'll be on 14SEVEN.585!!!
Is this what happens when you get old??
73....jim

---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

39. [propnet] Frequency Confusion (MINE!)

```
From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Wed, 10 Nov 1999 17:32:16
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48822-1999.11.10-17.45.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks everybody who clued me in on the fact that it's 14 SEVEN .585!
Don't know how I got crossed up.
Is this what happens when you get old?
Hope to see you all!
Cheers, Jim  KQ6EA


---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

40. [propnet] Freq for Meteor Shower - how about 6 meters?

```
From: "Jeff Kelly" <jkelly@bellatlantic.net>
Date: Wed, 10 Nov 1999 20:16:09 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48832-1999.11.10-19.30.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the clarification on the 2 meter freq.
Will there be anybody working 6 meters and what
freq will that be?

Thanks,

Jeff
KT2K



---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

41. [propnet] Re: Freq for Meteor Shower - how about 6 meters?

```
From: PropNET <propnet@greeceny.com>
Date: Wed, 10 Nov 1999 21:16:37 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48838-1999.11.10-20.31.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bad news for me...
A windstorm has taken down my tower (I guess I had enough aluminum on it).
With a little fortune, I'll be on 53.530-MHz as well as 147.585.

6-meters 53.53 @ 100-watts and a 1/2 wave vertical
2-meters 147.585 @ 300-watts and a 4-element vertical beam

-= Ev, W2EV =-
```

FN03xd, Western New York

Jeff Kelly wrote:

> Thanks for the clarification on the 2 meter freq.
> Will there be anybody working 6 meters and what
> freq will that be?
>
> Thanks,
>
> Jeff
> KT2K
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

42. [propnet] Request for those participating to identify.

From: Jack <friday2k@pacbell.net>
Date: Wed, 10 Nov 1999 23:25:59 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48891-1999.11.11-01.40.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, The time is close and I would like to request that those operating
the event post to the list a very brief identifier email.
It could go like this...

Callsign
Gridsquare
QTH (city and state)
Band/freq.being operated
Power

I think that should do it. This will hopefully give us an idea where to
point the antennas to catch a star that will bounce out signal into an
area that will be relatively active.

I'll begin by filling in the blanks;

W6ABC-2
CM87VT
Oakland, CA
147.585
170W

Thanks and 73,
Jack

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

43. [propnet] Vertical or Horizontal polariztion?

From: "Jack Lewalski" <friday2k@pacbell.net>
Date: Thu, 11 Nov 1999 2:10:8
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48893-1999.11.11-02.23.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
I really want to make as effective station as I can for this MS test. One
question about antennas. I wonder what the prefferred polarization is?
Considering that the signal will be (hopefully) bounced off a meteorite,
does it matter how my antenna is polarized? Right now I am horizontal.

Also, FYI I am beaconing between 0800Z and 1500Z 11/11/99 Thurs. on 147.585
pointed at 120 degrees. QTH is Oakland at CM87VT.
73, Jack

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

44. [propnet] W3MR Active

From: Mel Roberts <w3mr@erols.com>
Date: Thu, 11 Nov 1999 05:12:22 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48924-1999.11.11-04.26.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W3MR
FM18QX
Davidsonville, MD
147
160 Watts

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

45. [propnet] Station

From: "Jeff Kelly" <jkelly@bellatlantic.net>
Date: Thu, 11 Nov 1999 08:27:43 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48933-1999.11.11-07.41.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

NX2Q
FN20
Clifton. New Jersey
147
150W

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

46. [propnet] Re: Vertical or Horizontal polariztion?

From: PropNET <propnet@greeceny.com>
Date: Thu, 11 Nov 1999 09:03:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48935-1999.11.11-08.17.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jack,
The good news is that polarization makes no nevermind when it comes to falling
rocks. Have at 'em. :o)
-= Ev, W2EV =-
FN03xd, Rochester NY

Jack Lewalski wrote:

> Hi,
> I really want to make as effective station as I can for this MS test. One
> question about antennas. I wonder what the prefferred polarization is?
> Considering that the signal will be (hopefully) bounced off a meteorite,
> does it matter how my antenna is polarized? Right now I am horizontal.
> Also, FYI I am beaconing between 0800Z and 1500Z 11/11/99 Thurs. on 147.585
> pointed at 120 degrees. QTH is Oakland at CM87VT.
> 73, Jack
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

47. [propnet] Re: Request for those participating to identify.

From: PropNET <propnet@greeceny.com>
Date: Thu, 11 Nov 1999 09:17:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-48939-1999.11.11-08.31.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great idea, Jack! For the Leonids . . .

W2EV-6
FN03xd
Rochester NY
53.530-MHz
100-watts
1/2 wave vertical

W2EV-2
ditto
ditto
147.585-MHz
300-watts
4-element vertical beam

I've cc:'d this note to the standard APRSsig, in case any participants there
are getting ready to join-in on the fun but havent subscribed to the propnet
listserve yet.

Ev, W2EV

Jack wrote:

> Hi, The time is close and I would like to request that those operating
> the event post to the list a very brief identifier email.
> It could go like this...
>
> Callsign
> Gridsquare
> QTH (city and state)
> Band/freq.being operated
> Power
>
> I think that should do it. This will hopefully give us an idea where to
> point the antennas to catch a star that will bounce out signal into an
> area that will be relatively active.
>
> I'll begin by filling in the blanks;
>
> W6ABC-2
> CM87VT
> Oakland, CA
> 147.585
> 170W
>
> Thanks and 73,
> Jack
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

48. [propnet] Leonide Participant

From: "Jim Edmiston, O.F.M." <edmisja@quincy.edu>
Date: Thu, 11 Nov 1999 16:59:34 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49048-1999.11.11-17.11.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W9QU-2
EM49hw
Quincy IL
147.585-MHz
25-watts
4-element beam

--
 ====================================
                Fr. Jim Edmiston, O.F.M., Ph.D.
                                Director
       Institute for Franciscan Environmental Studies
                           Quincy University
                       1800 College Avenue
                    Quincy, IL 62301 USA
           (217)-228-5567   (217)-228-5469
                       edmisja@quincy.edu
             http://www.quincy.edu/~edmisja

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

49. [propnet] Staion ID

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Thu, 11 Nov 1999 18:41:33
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49063-1999.11.11-18.54.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KQ6EA-2
2Mtrs.
147.585
DM03ut
Torrance, CA
150W

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

50. [propnet] Leonids

From: Steve Arens <k0dvh@netzero.net>
Date: Fri, 12 Nov 1999 05:58:16 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49185-1999.11.12-07.12.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

K0DVH-2
    DM42oc
    Tucson, Az.
    147.585
    160W Horizontal beaming 50 degrees NE

_____
NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
http://www.netzero.net/download/index.html

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

51. [propnet] Fw: ARLS008 W1AW to participate in meteor scatter/APRS experiment

From: sonic <sonic@pcom.net>
Date: Fri, 12 Nov 1999 13:48:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49257-1999.11.12-13.01.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> ZCZC AS08
>> QST de W1AW
>> Space Bulletin 008 ARLS008
>> >From ARRL Headquarters
>> Newington, CT November 12, 1999

>> To all radio amateurs
>>
>> SB SPACE ARL ARLS008
>> ARLS008 W1AW to participate in meteor scatter/APRS experiment
>>
>> ARRL Maxim Memorial Station W1AW will participate for the first time
>> in a meteor-scatter experiment by attempting to bounce APRS packets
>> off the ionized particles resulting from the Leonids meteor shower.
>> >From 2100 UTC on November 12 through November 19, W1AW will operate
>> WinAPRS-equipped stations on 6 and 2 meters. W1AW will monitor and
>> beacon on 53.530 and 147.585 MHz continuously, transmitting its grid
>> square.
>>
>> On 6 meters, W1AW will use an ICOM IC-756 running 100 W with an
>> MFJ-1278 TNC. On 2 meters, W1AW will use an ICOM IC-271 at 45 W with
>> a KAM All-Mode TNC. An article in November QST (''An Automated
>> Meteor-Scatter Station'' by Ev Tupis, W2EV) explains the experiment.
>>
>> QSLs will be available for all stations receiving W1AW's APRS
>> beacons. An SASE is requested. A list of call signs of stations
>> received at W1AW will be posted daily
>> http://www.arrl.org/announce/leonids_experiment.html.
>> NNNN
>> /EX
>>
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

52. [propnet] Leonide Participant

From: "Doug Fagan" <yacht1@carol.net>
Date: Fri, 12 Nov 1999 18:06:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49321-1999.11.12-17.19.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KJ4X
EM84PW
Pickens, SC
147.585   If qrm from Ga. remote base not too bad
160 Watts
10 ele beam

53. [propnet] KF6UEF-6 IN CM97BH

From: "Antonio Franco" <tb1999@netzero.net>
Date: Fri, 12 Nov 1999 17:56:41
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49331-1999.11.12-18.10.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I'll be on 53.530 from CM97bh on and off starting on 11/12/99.
I'll be running beacon most evening/mornings before/after radiant comes
up over horizon, starting on 11/16/99 till 11/19/99.

FT847 running 50watts into Jpole at 25ft.
53.530 every 10 seconds.

Best of luck..

73,
Antonio, KF6UEF

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

54. [propnet] Re: propnet digest: November 11, 1999

From: dpfister <dpfister@kc.net>
Date: Fri, 12 Nov 1999 18:36:50 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49335-1999.11.12-18.49.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: Request for those participating to identify.
> From: Jack <friday2k@pacbell.net>
> Date: Wed, 10 Nov 1999 23:25:59 -0800
> X-Message-Number: 1
>
> Hi, The time is close and I would like to request that those operating
> the event post to the list a very brief identifier email.
> It could go like this...

When is this going to be? As you can tell I haven't been
paying atention. If it is later this weekend, I should be
able to put a station on.

73 de Don

--

[Signature File]
Name=Don Pfister KA0JLF
HABITAT SkyLab
(High Altitude Basic Investigation Testing And Tracking)
Email=dpfister@kc.net or donp@netlab.org
http://www.netlab.org/habitat
http://www.kc.net/~dpfister
http://www.netlab.org/~donp
http://www.netlab.org:8888/ Visit the Lab in the Hobby wing.
HABITAT being built...

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

55. [propnet] Re: propnet digest: November 11, 1999

From: PropNET <propnet@greeceny.com>
Date: Fri, 12 Nov 1999 20:03:39 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49339-1999.11.12-19.18.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Leonids peak Nov 17pm/18am. There should be usable burns for a day or
two on either side of the peak. Post your activity to the listserve so we
all know you'll be around.

-= Ev, W2EV =-

dpfister wrote:

> > Subject: Request for those participating to identify.
> > From: Jack <friday2k@pacbell.net>
> > Date: Wed, 10 Nov 1999 23:25:59 -0800
> > X-Message-Number: 1
> >
> > Hi, The time is close and I would like to request that those operating
> > the event post to the list a very brief identifier email.
> > It could go like this...
>
> When is this going to be? As you can tell I haven't been
> paying atention. If it is later this weekend, I should be
> able to put a station on.
>
> 73 de Don
>
> --
>
> [Signature File]
> Name=Don Pfister KA0JLF
> HABITAT SkyLab
> (High Altitude Basic Investigation Testing And Tracking)
> Email=dpfister@kc.net or donp@netlab.org
> http://www.netlab.org/habitat
> http://www.kc.net/~dpfister
> http://www.netlab.org/~donp
> http://www.netlab.org:8888/ Visit the Lab in the Hobby wing.
> HABITAT being built...
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

56. [propnet] Leonids

From: "Thom Proehl" <tmproehl@nwlink.com>
Date: Fri, 12 Nov 1999 22:34:40 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49422-1999.11.13-00.48.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

K7FZO-2
CN97dl
North Bend, WA
147.585
75 watts into Ringo ranger - vertical

The station will be on the air 24/7

Question for the group; What is the preferred LTP for Meteor work? >From the PropNet site I read:
LTP 2 CQ VIA QSL1-1
I am also using LTP 1 CQ VIA HOP4-4 , this appears to put out a string that reads:
K7FZO-2>CQ,HOP4-4: <UI> [CN97dl] every 10 minutes as set in the BLT.

But the catch is, no LTP 2 transmit occurs even though I have it set for BLT 2 EVERY 00:01:00,
any ideas why it will not transmit?
I am using a KPC-3 with ver 8.2 firmware.

Thanks in advance,
Thom - K7FZO
k7fzo@qsl.net

57. [propnet] Re: Leonids

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 13 Nov 1999 08:08:17 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49448-1999.11.13-07.23.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great question, Thom!
Here's the insight you need . . . PropNET is a long-term project, with
the hopes of keeping participants on the air 24/7 serving several
purposes. One of those includes study of propagation anamolies. In
that mode, participants transmit every 10-minutes or so, in the hopes of
alerting other participants to enhanced tropospheric (on 2-meters) or
ionospheric (on 6-meters) conditions. To that end, we use the LTP of
HOP#-#.

A correlary to the propagation study includes studying meteor events.
In order to facilitate the use of the same frequency for both, MS
operators use a different UIPath in their LTP. This keeps a
broadcast-storm from kicking-in should a particularly long-lasting
meteor pierce the atmosphere. Imagine if MS stations used HOP4-4 and
was heard by 20 stations on a burst. The resulting HOP's could quickly
clog the channel and waste the "rest of the burn". Instead, we use
QSL1-1, assuring that only 1 attempt will be made to "reply" or
"digipeat" a heard packet, clearing the frequency more quickly.

Now for the reality...PropNET is in its' infancy, with few (if any)
24/7/365 stations on the air, yet. But the day will come, and we
attempted to plan accordingly.

So...for MS, you may omit (by setting BLT 1 EVERY 00:00:00) the LTP that
refers to HOP4-4 and be just as successful. Then set your LPT with
QSL1-1 to beacon every 5 or 10 seconds by invoking the command LTP 2
EVERY 00:00:05 or LTP 2 EVERY 00:00:10 respectively.

As for why LTP 2 won't transmit, I'm not sure. Take a gander at all
three "LT" parameters (LT, LTP, BLT) to make sure there is something in
'em. If so, then the least intrusive solution is to abandon LTP1 and

set it up for QSL1-1 and BLT 1 of 00:00:05. A more all-encompassing
solution may be to perform a TNC reset by one of two methods: type
RESTORE D and re-enter the meteor parameters by hand, or open the case
and do a hard reset (this is simply shorting a jumper inside the TNC)
and again, starting fresh. As the great Johnny Cochrane was once
purported to say, "If it does not compute...you must reboot" <grin>.

Give it a try and let us know how its' coming. Welcome Aboard!

Regards,
Ev Tupis, W2EV

> Question for the group; What is the preferred LTP for Meteor work?
> From the PropNet site I read:LTP 2 CQ VIA QSL1-1I am also using LTP 1
> CQ VIA HOP4-4 , this appears to put out a string that
> reads:K7FZO-2>CQ,HOP4-4: <UI> [CN97dl] every 10 minutes as set in the
> BLT. But the catch is, no LTP 2 transmit occurs even though I have it
> set for BLT 2 EVERY 00:01:00,any ideas why it will not transmit?I am
> using a KPC-3 with ver 8.2 firmware. Thanks in advance,Thom -
> K7FZOk7fzo@qsl.net

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

58. [propnet] Station ID

From: "Donald Jacob" <dejacob@flash.net>
Date: Sat, 13 Nov 1999 09:43:01 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49500-1999.11.13-11.57.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WB5EKU-2
DM04sg
North Hills, CA
147.585 MHz
35 Watts
Omni antenna
Operational aprox 14 November 1999 00:00 Zulu

59. [propnet] Re: APRS MS Question

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 13 Nov 1999 14:38:59 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: APRS <aprssig@tapr.org>, propnet@tapr.org
Message-ID: <LYR1548-49519-1999.11.13-13.50.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jon,
In very general terms (meaning there are exceptions, if you go looking for
'em), point in the direction that you want to communicate in. If you have
people to the North, point there. Unlike SSB/CW MS folks, packet operations
can take place 24/7, meaning that eventually, the radiant (the point in the
sky from which the rocks appear to come from) will be right for the path that
you are beaming.

Pay attention to the radiant predictions only if you cannot operate through a
24-hour period of time.

Lastly...aim for the horizon. Welcome aboard. You may wish to subscribe to
the PropNET listserve on TAPR, too. We're getting a good number of folks
announcing their intent to participate (a TON from the west coast, actually).

BTW...if you can put up with all the T/R's, set your beacon rate to 5-seconds
& you'll double your chances of being heard. :o)

Regards,
Ev, W2EV

Jon Ogden wrote:

> OK,
>
> Got my automated (sorry, Pete just don't have the time for a scheduled QSO
> this weekend maybe after this weekend) APRS MS station running using Ev's
> protocol outlined in QST.

> Here is my setup:
>
> KLM 22 Element circularly polarized beam (11 vertical and 11 horizontal
> elements). I forget the model number!
> Mirage amplifier giving me about 140 Watts output.
> KPC-3+
> FM Rig
>
> Beaconing as I type. Now, which direction do I point the antenna? I
> thought it was North, but according to Pete's numbers, it looks like South
> to Southwest. So I've got it kind to the South-South-West right now.
>
> Also, I have elevation control. So I've got it up maybe 10 to 15 degrees?
> Will that help?
>
> Any suggestions on antenna pointing would be great!
>
> 73,
>
> Jon
> KE9NA
>
> --
> -------------------------------------
> Jon Ogden
> KE9NA
>
> http://www.qsl.net/ke9na
>
> "A life lived in fear is a life half lived."

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60. [propnet] Re: Leonids and Digi Sats

From: ALTENCZA@aol.com
Date: Sat, 13 Nov 1999 15:12:50 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49522-1999.11.13-14.26.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon,   Your note via PropNet caught my eye because of your
mention of the az/el and the KLM 22C...gear I also use for
satellite.

A small group of hams and amateur astronomers here in NJ
are going to a mountain site for the shower. Along with APRS and
visual work, we plan to upload a picture of our APRS screen to KO-25.
We hope to complete the upload in one pass so that it will be available
in the Midwest and West the same evening.

For this event we will be using a more elaborate setup with 52 elements,
150 watts and GasFet preamp on the APRS station.

Do you have digi satellite capability or do you know anyone in your area
with this gear?

I just thought it would be fun to relay this unusual data.

73   Al   NX2Q

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61. [propnet] Re: Station ID

From: Jack <friday2k@pacbell.net>
Date: Sat, 13 Nov 1999 16:30:49 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49557-1999.11.13-18.44.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Everyone,
As you might know I've been requesting those who will be operating the
MS event to sort of register so we can have an idea where to point the
beam. As it turns out those reporting in are fairly scattered. This is

the list as I have it as of Saturday afternoon.
Anyone who is going to operate and is not on the list is invited to send
their info to me at friday2k@pacbell.net and I will update again in a
couple of days. The format to register is:
Callsign (either -2/-6 or both)
Grid Square
QTH
Power/Ant (polarization)
anything else you might like to add such as when you will begin
beaconing.

The List:
W3MR-2 FM18QX Davidsonville, MD 160w Mel
NX2Q-2 FN20 Clifton, NJ 150w Jeff
W2EV-2/-6 FN03XD Rochester, NY 100w/300w Ev
KQ6EA-2 DM03UT Torrance, CA 150w Jim
W9QU-2 EM49HW Quincy, IL 25w Jim
K0DVH-2 DM42OC Tucson, AZ 160w Steve
KF6UEF-6 CM97BH 50w Antonio
KJ4X-2 EM84PW Pickens, SC 160w Doug
K7FZO-2 CN97DL N.Bend, WA 75w Thom
WB5EKU-2 DM04SG N.Hills, GA 35w Donald
W6ABC-2/-6 CM87VT Oakland, CA 170w/100w Jack

That's it for now, and I know there are a lot more who have not checked
in.
I hope this provides some interesting and helpful information to make
this a success!
73, Jack W6ABC

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

62. [propnet] Using Kam+ on both 6 and 2 meters?

From: Jack <friday2k@pacbell.net>
Date: Sat, 13 Nov 1999 16:48:46 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49562-1999.11.13-19.02.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
Just wondering if anyone has the answer to this question. I am using a
Kam+ version 8.2 and I would like to use it as a single TNC for both 6
and 2 meters for the MS. Using the VHF port for 2 meters and the HF
port for 6 meters. The transmitter for 6 will be an IC-756, FM
capable. Can this be done? If so is the 6 meter signal sent to the HF
port as I would normally send my HF packet info to the transmitter from
the computer/TNC on 20 meters?
Thanks,
Jack W6ABC

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63. [propnet] Station List, etc.

From: "Jack Lewalski" <friday2k@pacbell.net>
Date: Sun, 14 Nov 1999 0:25:43
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49622-1999.11.14-00.39.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Everyone,
As you might know I've been requesting those who will be operating the
MS event to sort of register so we can have an idea where to point the
beam. As it turns out those reporting in are fairly scattered. This is
the list as I have it as of Saturday afternoon.
Anyone who is going to operate and is not on the list is invited to send
their info to me at friday2k@pacbell.net and I will update again in a
couple of days.
Some have asked what days to participate...Ev Tupis has a complete article
in the November '99 QST on the Meteor Shower activity if you have that
issue around. If not The best days would be the 17th and 18th of
November.

The format to register (not neccessary, but helpful)is:
Callsign (either -2/-6 or both)
Grid Square
QTH
Power/Ant (polarization)
anything else you might like to add such as when you will begin
beaconing.

The List:
W3MR-2 FM18QX Davidsonville, MD 160w Mel
NX2Q-2 FN20 Clifton, NJ 150w Jeff
W2EV-2/-6 FN03XD Rochester, NY 100w/300w Ev
KQ6EA-2 DM03UT Torrance, CA 150w Jim
W9QU-2 EM49HW Quincy, IL 25w Jim
K0DVH-2 DM42OC Tucson, AZ 160w Steve
KF6UEF-6 CM97BH 50w Antonio
KJ4X-2 EM84PW Pickens, SC 160w Doug
K7FZO-2 CN97DL N.Bend, WA 75w Thom
WB5EKU-2 DM04SG N.Hills, GA 35w Donald
KC8CSD-2 EN81HM Genoa, OH 160w Sean
KC7ZRU-2 DN71EH Laramie, WY 50w Tate
W6ABC-2/-6 CM87VT Oakland, CA 170w/100w Jack

That's it for now, and I know there are a lot more who have not checked
in.
I hope this provides some interesting and helpful information to make
this a success!
73, Jack W6ABC

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

64. [propnet] Help with Documenting MS

From: "Jeff Kelly" <jkelly@bellatlantic.net>
Date: Sun, 14 Nov 1999 08:33:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49673-1999.11.14-07.48.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"I also observed 5 Taurid and 4 sporadic, in 2.5 hours"

Can someone point me to a location that explains
to a Novice how to identify meteors so that notes will
make sense to others when discussing the shower?

Thanks,

Jeff Kelly

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

65. [propnet] Re: Getting sophisticated!

From: ALTENCZA@aol.com
Date: Sun, 14 Nov 1999 08:54:49 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49677-1999.11.14-08.08.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are getting very sophisticated with identifying the different types of
meteors!
The KLM 22C is on the antenna tree along with the KLM 432 CX and four
KLM 13LBs. The rotor handles it, but wind might change things.

Dennis, W2DEN, is setting up a station to monitor 426.250 FM for the
Alabama balloon audio and video. We still need a TV set for channel 58
cable ready...not sure what that means.

Al

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

66. [propnet] Re: Station ID

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 14 Nov 1999 07:30:13 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49681-1999.11.14-08.43.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:30 PM 11/13/1999 -0800, Jack sent:
>Hi Everyone,
>As you might know I've been requesting those who will be operating the
>MS event to sort of register so we can have an idea where to point the
>beam. As it turns out those reporting in are fairly scattered. This is
>the list as I have it as of Saturday afternoon.

I was VERY surprised to NOT see my station listed, having sent at lest two messages to the list with all the information in them.

Then I noticed I had not sent in the proper format. So here goes:

KD5XB-2
DM84
Clovis, NM USA
30 watts/5/8 wave at 20 feet
Operating almost continuously beginning last week.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

67. [propnet] Re: Station ID

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 14 Nov 1999 09:47:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49690-1999.11.14-09.02.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nice job! Thanks!
-=Ev, W2EV=-

Jack wrote:

> Hi Everyone,
> As you might know I've been requesting those who will be operating the
> MS event to sort of register so we can have an idea where to point the
> beam. As it turns out those reporting in are fairly scattered. This is
> the list as I have it as of Saturday afternoon.
> Anyone who is going to operate and is not on the list is invited to send
> their info to me at friday2k@pacbell.net and I will update again in a
> couple of days. The format to register is:
> Callsign (either -2/-6 or both)
> Grid Square
> QTH
> Power/Ant (polarization)
> anything else you might like to add such as when you will begin
> beaconing.
>
> The List:
> W3MR-2 FM18QX Davidsonville, MD 160w Mel
> NX2Q-2 FN20 Clifton, NJ 150w Jeff
> W2EV-2/-6 FN03XD Rochester, NY 100w/300w Ev
> KQ6EA-2 DM03UT Torrance, CA 150w Jim
> W9QU-2 EM49HW Quincy, IL 25w Jim
> K0DVH-2 DM42OC Tucson, AZ 160w Steve
> KF6UEF-6 CM97BH 50w Antonio
> KJ4X-2 EM84PW Pickens, SC 160w Doug
> K7FZO-2 CN97DL N.Bend, WA 75w Thom
> WB5EKU-2 DM04SG N.Hills, GA 35w Donald

> W6ABC-2/-6 CM87VT Oakland, CA 170w/100w Jack
>
> That's it for now, and I know there are a lot more who have not checked
> in.
> I hope this provides some interesting and helpful information to make
> this a success!
> 73, Jack W6ABC
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

68. [propnet] Participating stations list

From: Jack <friday2k@pacbell.net>
Date: Sun, 14 Nov 1999 11:07:04 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49720-1999.11.14-13.25.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The List (so far) 11/14/99:

W3MR-2 FM18QX Davidsonville, MD 160w Mel
NX2Q-2 FN20 Clifton, NJ 150w Al
W2EV-2/-6 FN03XD Rochester, NY 100w/300w Ev
KQ6EA-2 DM03UT Torrance, CA 150w Jim
W9QU-2 EM49HW Quincy, IL 25w Jim
K0DVH-2 DM42OC Tucson, AZ 160w Steve
KF6UEF-6 CM97BH 50w Antonio
KJ4X-2 EM84PW Pickens, SC 160w Doug
K7FZO-2 CN97DL N.Bend, WA 75w Thom
WB5EKU-2 DM04SG N.Hills, GA 35w Donald
W6ABC-2/-6 CM87VT Oakland, CA 170w/100w Jack
KD5XB-2 DM84 Clovis, NM 30w Earl
W1AW-2/-6 Newington, MA 45w/100w
KB2WQM-2/-6 FM29PE Ocean View, NJ 160w/100w Jeff
KB7RPE-2 CN87VX Everett, WA 150w Kevin
KC8CSD-2 EN81HM Genoa, OH 160w Sean
KC7ZRU-2 DN71EH Laramie, WY 50w Tate

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

69. [propnet] Station ID

From: KF4KRF@aol.com
Date: Sun, 14 Nov 1999 17:19:37 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49741-1999.11.14-16.33.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

kf4krf-2
147.585
FM17ks
Aylett VA
50 watts, vertical omni.

will be 24/7 starting 00:00z 11/15

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

70. [propnet] Station ID

From: "Jack Plum" <jackplum@servtech.com>
Date: Sun, 14 Nov 1999 17:55:25 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49745-1999.11.14-17.09.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WX3P-6
FN12gx
Fishers NY
100+ watts, vertical dipole
Jack
On Soon

Jack Plum
WX3P
jackplum@servtech.com

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

71. [propnet] LEonid Action

From: Estelle & Richard <rhoward@netinc.ca>
Date: Sun, 14 Nov 1999 18:02:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49746-1999.11.14-17.17.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

VE3DOH
FN02
Dunnville Ont
50W,Omni,35ft
Op all time.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

72. [propnet] Re: Station List, etc.

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 14 Nov 1999 15:42:55 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49776-1999.11.14-17.56.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a wonderful effort, may I suggest you send updates each day until
the 18th. Here is my information.

Callsign: W9IF-7
Gridsquare: DM13LA
QTH: San Diego, CA
Band/freq.: 147.585
Power: 50W
Antenna: 4 element beam pointing North

t 12:25 AM 11/14/99 +0000, Jack Lewalski wrote:
>Hi Everyone,
>As you might know I've been requesting those who will be operating the
>MS event to sort of register so we can have an idea where to point the
>beam. As it turns out those reporting in are fairly scattered. This is
>the list as I have it as of Saturday afternoon.
>Anyone who is going to operate and is not on the list is invited to send
>their info to me at friday2k@pacbell.net and I will update again in a
>couple of days.
>Some have asked what days to participate...Ev Tupis has a complete article
>in the November '99 QST on the Meteor Shower activity if you have that
>issue around. If not The best days would be the 17th and 18th of
>November.
>The format to register (not neccessary, but helpful)is:
>Callsign (either -2/-6 or both)
>Grid Square
>QTH
>Power/Ant (polarization)
>anything else you might like to add such as when you will begin
>beaconing.

>
>The List:
>W3MR-2 FM18QX Davidsonville, MD 160w Mel
>NX2Q-2 FN20 Clifton, NJ 150w Jeff
>W2EV-2/-6 FN03XD Rochester, NY 100w/300w Ev
>KQ6EA-2 DM03UT Torrance, CA 150w Jim
>W9QU-2 EM49HW Quincy, IL 25w Jim
>K0DVH-2 DM42OC Tucson, AZ 160w Steve
>KF6UEF-6 CM97BH 50w Antonio
>KJ4X-2 EM84PW Pickens, SC 160w Doug
>K7FZO-2 CN97DL N.Bend, WA 75w Thom
>WB5EKU-2 DM04SG N.Hills, GA 35w Donald
>KC8CSD-2 EN81HM Genoa, OH 160w Sean
>KC7ZRU-2 DN71EH Laramie, WY 50w Tate
>W6ABC-2/-6 CM87VT Oakland, CA 170w/100w Jack
>
>That's it for now, and I know there are a lot more who have not checked
>in.
>I hope this provides some interesting and helpful information to make
>this a success!
>73, Jack W6ABC
>
>
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

73. [propnet] Leonid Shower, 147.585 Intermod problem, any suggestions

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 14 Nov 1999 15:52:25 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49777-1999.11.14-18.05.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It didn't occur to me to listen to 147.585 until today and when I did, it
was virtually constant "Intermod". I think I will be wasting my time for
the MS experiment, however, in preparation for the next one, anyone have
any suggestions. Are there filters out there that can help? Do I have to
"move"? I have an FT847 and an Alinco T150T, both have the intermod problem.

thanks in advance,

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

74. [propnet] Re: Request for those participating to identify.

From: George Roberts <ehc101@yahoo.com>
Date: Sun, 14 Nov 1999 16:02:43 -0800 (PST)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49778-1999.11.14-18.16.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KA2QYA-2
FN02OX
Amherst. NY
147.585-MHz
50-Watts

=====

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

75. [propnet] Re: Leonid Shower, 147.585 Intermod problem, any suggestions

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Sun, 14 Nov 1999 18:17:13
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49779-1999.11.14-18.30.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Get one of the little PAR Electronics asymmetric notch filters. Very low
insertion loss (<<1dB), and a deep (>50dB) notch. I'm assuming your
cross-mod problem comes from local paging transmitters. The last company I
worked for had a similar problem, and it cleaned it up.
73....Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

76. [propnet] Reporting Activity

From: Mel Roberts <w3mr@erols.com>
Date: Sun, 14 Nov 1999 19:21:29 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49781-1999.11.14-18.35.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,
  I would like to suggest that when something is heard on the
MS experiment that a note to the reflector be posted- just to let
others know what is going on and if we are actually having a storm
or a drizzle.
  73
  Mel W3MR

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

77. [propnet] Participating Station Webpage

From: "Jack Lewalski" <friday2k@pacbell.net>
Date: Sun, 14 Nov 1999 19:32:44
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49792-1999.11.14-19.46.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, I thought it would be easier to put up the list of participating
stations that have sent me their info on a separate web page than keep
posting here on propnet. So, check it out to see if you are on the list
(by no means complete) and if not there is an email link to add yourself to
it.

Here is the URL: http://home.pacbell.net/friday2k/Leonids.html

I've added a link to some MS links for the Leonids. Hope this makes it a
bit easier.
73,
Jack

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

78. [propnet] MS participant

From: "Jim Pope" <ejim@aol.com>
Date: Sun, 14 Nov 1999 21:31:23
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49800-1999.11.14-21.44.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I hope to run the following ms station wed evening:

DN70tp
160 watts
7 el at 20 ft beaming NE
KPC3/ TR751A

Hope everyone has fun.

Jim KG0PP

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

79. [propnet] Re: Participating Station Webpage

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 14 Nov 1999 21:23:47 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49816-1999.11.14-23.39.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Excellent idea and thanks, however, the call should be W9IF-7 (you
currently have W9IF-2).

thanks,

At 07:32 PM 11/14/99 +0000, you wrote:
>Hi, I thought it would be easier to put up the list of participating
>stations that have sent me their info on a separate web page than keep
>posting here on propnet. So, check it out to see if you are on the list
>(by no means complete) and if not there is an email link to add yourself to
>it.
>
>Here is the URL: http://home.pacbell.net/friday2k/Leonids.html
>
>I've added a link to some MS links for the Leonids. Hope this makes it a
>bit easier.
>73,
>Jack
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

80. [propnet] KD6RSQ>BEACON,RELAY,WIDE,WIDE:kd6rsq dm13ra ramona ca.

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 14 Nov 1999 21:29:11 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49817-1999.11.14-23.42.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just turned to 147.585 and heard the beacon below. So KD6RSQ if you get
this email let me know. To test our stations, I suggest you use the correct
MS format and you might get a return confirmation from my station. This
will prove that your station and mine are probably working. KD6RSQ, are
you out there?

KD6RSQ>BEACON,RELAY,WIDE,WIDE:kd6rsq dm13ra ramona ca.

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

81. [propnet] Horizontal Beam/Vertical Omni

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Mon, 15 Nov 1999 00:46:59 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49826-1999.11.15-00.00.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello List,

Which is prefered for the MS event a horizontal beam or a vertical omni on 2 meters?

-joe n1mnu

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

82. [propnet] Re: Participating Station Webpage

From: Jack <friday2k@pacbell.net>
Date: Sun, 14 Nov 1999 22:19:03 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49840-1999.11.15-00.34.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Rich,
Yes, you are correct knowing how you have your system set-up. However for the task at hand, the format is to set the Station configuration at (in your case) W9IF-2 if you are on 2 meters and W9IF-6 if you are on 6 meters. This is for this event only and just helps to identify the particular band of operation. Complete info in the QST article in the November issue.
I am currently beaming to 150 degrees toward Los Angeles right now on 147.585 with 160w and 10 elements. Maybe we'll get lucky and hit a rock.
Have fun Rich.
73,
Jack W6ABC-2 in Oakland @ 619Z 11/15/99

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

83. [propnet] Re: Station ID

From: "Ben Pollard" <ben@classicbrews.com>
Date: Mon, 15 Nov 1999 00:22:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49841-1999.11.15-00.40.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WS5R
DM95cf
Amarillo, TX USA
160wts, into 4 el @60deg @40'
Operating continuously beginning tomorrow nite till friday unless running ssb on 144.200

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

84. [propnet] Re: Leonid Shower, 147.585 Intermod problem, any suggestions

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 14 Nov 1999 22:26:28 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49845-1999.11.15-00.50.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for reply, I visited their home page.

At 06:17 PM 11/14/99 +0000, you wrote:
>Get one of the little PAR Electronics asymmetric notch filters. Very low
>insertion loss (<<1dB), and a deep (>50dB) notch. I'm assuming your
>cross-mod problem comes from local paging transmitters. The last company I

>worked for had a similar problem, and it cleaned it up.
>73....Jim KQ6EA
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

85. [propnet] Re: Horizontal Beam/Vertical Omni

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 14 Nov 1999 23:10:23 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49850-1999.11.15-01.24.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am a newbie, but from what I have read, "vertical" polarization is
preferred but I am also read that it does matter too much. I am using a
vertical 4 element beam.

At 12:46 AM 11/15/99 -0500, you wrote:
>Hello List,
>
>
>   Which is prefered for the MS event a horizontal beam or a
> vertical omni on
>2 meters?
>
>-joe n1mnu
>
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

86. [propnet] Re: Participating Station Webpage

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 14 Nov 1999 23:15:19 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49852-1999.11.15-01.29.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jack,

Since I am a newbie at this, can you suggest a position to point my
antenna. Since I am in San Diego, I believe it best to point it north
toward San Francisco, Seattle, Oregon, Washington, etc. Would you agree?

thanks,

At 10:19 PM 11/14/99 -0800, you wrote:
>Hi Rich,
>Yes, you are correct knowing how you have your system set-up. However
>for the task at hand, the format is to set the Station configuration at
>(in your case) W9IF-2 if you are on 2 meters and W9IF-6 if you are on 6
>meters. This is for this event only and just helps to identify the
>particular band of operation. Complete info in the QST article in the
>November issue.
>I am currently beaming to 150 degrees toward Los Angeles right now on
>147.585 with 160w and 10 elements. Maybe we'll get lucky and hit a
>rock.
>Have fun Rich.
>73,

>Jack W6ABC-2 in Oakland @ 619Z 11/15/99
>
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

87. [propnet] Re: Station ID

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 15 Nov 1999 06:16:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49885-1999.11.15-05.31.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You may find you can do both simultaneously with little interference...unless
the transceiver you use is the same for both modes. :o) My SSB Electronics
transverter for SSB doesn't hear the packet station at all...although the
packet station (which uses a typical FM transceiver) isn't as lucky. It goes
deaf when I TX on SSB. It's obvious which setup has a better front-end. :o)

-=Ev, W2EV=-

Ben Pollard wrote:

> Operating continuously beginning tomorrow nite till friday unless running
> ssb on 144.200

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

88. [propnet] LEONID MS STATION

From: "Eugene M. Harriman II" <n1eh@capecod.net>
Date: Mon, 15 Nov 1999 06:22:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: friday2k@pacbell.net
Message-ID: <LYR1548-49888-1999.11.15-05.37.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello PROPNET list! My name is Gene, callsign N1EH. I live in Plymouth,
Massachusetts. I'll be beaconing this week trying to get out via LEONIDS.
I'm also going to try photographing the 'lil buggers. If I get any good
shots I'll post 'em on my webpage for you to see and will notify you here.
Catchya' "on the rocks!"

Gene Harriman
N1EH-2
FN41px
Plymouth, Massachusetts
60 km S of Boston, MA
50 watts to a 5db vertical Ringo Ranger II starting Tuesday night ET.

73! Good Luck! Clear Skies!

Gene

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

89. [propnet] MS Antenna Pointing Help

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 15 Nov 1999 06:25:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49890-1999.11.15-05.40.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For meteor scatter work, the typical range-limit is 400 to 1100 miles, with contacts in the 600 to 900 mile range being the most common. To determine a "best" direction to attempt a contact...find out who is in this range from your station, and beam at 'em.

Stations that are closer and farther than this have a very small statistical chance of making it. If we are transmitting "only" once every 10-seconds, we will need all the other advantage we can get. :o)

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies. Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

90. [propnet] RE: 147.585 Intermod problem, any suggestions

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 15 Nov 1999 06:30:53 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-49892-1999.11.15-05.45.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ya know...I seem to remember Bob Bruninga doing some excellent research into using simple coaxial stubs as filters. He posted the results on the APRS listserve about 6-months ago or so. If the pager intermod is sufficiently far away in frequency, a couple of these cheap but effective stubs could be just the trick for you.

I'd suggest a search of the TAPR archives of the APRS SIG. (unfortunately, I've recovered from a HD crash since then, or I'd just search my own eMail archive).

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies. Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

91. [propnet] MS Help: What antenna to use

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 15 Nov 1999 06:43:01 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49894-1999.11.15-05.57.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As it turns out...for the purpose of MS...antenna polarization seems to have little effect on the chance of success using this mode.

However...for the purpose of limiting interference to other services (neighbors' TV sets, or your own activity on 2/6-meter SSB), we decided to embrace vertical polarization.

All that having been said...use an antenna that gives you the best gain. In the past, while limited success has been had using a simple vertical monopole on 2-meters . . . *significantly* better success has been had using a beam.

6-meters has less of a path-loss budget. Simple vertical monopoles stand a better chance of success here...still...the rule is the same. You want to pump as much signal as you can, in the intended direction. Opportunities for success need to be

maximized.

So...in order of preference (because of diminishing success):

   * 1. Use a Vertically Polarized "Big" Beam (9+ elements)
   * 2. Use a Horizontally Polarized "Big" Beam (9+ elements) but check SWR, as these
     are typically tuned for use at the bottom end of the band.
   * 3. Use a Vertically Polarized Moderate Beam (4-8 elements)
   * 4. Use a Horizontally Polarized Moderate Beam (4-8 elements)
   * 5. Use a Vertical Monopole with "some gain"
   * 6. Use a Vertical Dipole
   * 7. Use a Horizontally Polarized "Halo"
   * 8. Use a Rubber Duck (and stay in RX mode only...no one will hear you) :o)

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

92. [propnet] [Fwd: Leonids, APRS on 147.585]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Mon, 15 Nov 1999 06:58:57 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49899-1999.11.15-06.13.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Empty message body]

93. [propnet] Must have caught a burn...

From: KC8CSD@aol.com
Date: Mon, 15 Nov 1999 09:09:47 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49909-1999.11.15-08.23.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just received a regular APRS message from WA1LOU in CT. Said at 5:05 local
time today (11/15), I popped onto his receive only setup on 147.585. Running
130w to a 13b2 sitting only about 5ft off the ground. Beam is pointed about
15deg up as I don't think the neighbors liked the idea of it aimed directly
into their living room. I have been running for 2 nights now....nothing
heard YET on this end.

73,
Sean-KC8CSD
EN81hm
10m,6m,2m,222 and 432
http://members.aol.com/sf3202/kc8csd.html

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94. [propnet] report

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Mon, 15 Nov 1999 08:33:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49917-1999.11.15-08.47.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Copied 2 packets from KC8CSD-2 in EN81hm on 147.585 this morning at 5:05:03 EST. KC8CSD-2 is 542 miles
from WA1LOU. Packets were received using an 8 dB omni-directional antenna, no pre-amp, and an old
Kenwood 144/220 MHz dual-band transceiver.

Stan, WA1LOU

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95. [propnet] RE: 147.585 Intermod problem, any suggestions

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 15 Nov 1999 07:44:33 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49921-1999.11.15-08.58.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:30 AM 11/15/1999 -0500, Ev Tupis (W2EV) sent:
>Ya know...I seem to remember Bob Bruninga doing some excellent research
>into using simple coaxial stubs as filters. He posted the results on
>the APRS listserve about 6-months ago or so. If the pager intermod is
>sufficiently far away in frequency, a couple of these cheap but
>effective stubs could be just the trick for you.
>
>I'd suggest a search of the TAPR archives of the APRS SIG.
>(unfortunately, I've recovered from a HD crash since then, or I'd just
>search my own eMail archive).

        Here 'tis....

>X-Authentication-Warning: arctic.nadn.navy.mil: bruninga owned process
doing -bs
>Date: Sun, 13 Jun 1999 01:46:56 -0400 (EDT)
>From: Bob Bruninga <bruninga@nadn.navy.mil>
>X-Sender: bruninga@arctic
>To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
>Subject: [aprssig] EOC Shared Antenna?
>List-Software: Lyris Server version 3.0
>List-Subscribe: <mailto:subscribe-aprssig@lists.tapr.org>
>List-Owner: <mailto:owner-aprssig@lists.tapr.org>
>X-Message-Id: <Pine.GSO.4.05L.9906130144360.14464-100000@arctic>
>
>There is no way to run a new Coax for an APRS antenna at our EOC
>which is underground and whos antennas are on a professional tower.
>
>So, I came up with the following idea to share the Marine Band
>anetnna with APRS.   It consists of two shorted stubs that are
>multiple quarterwaves long joined to the antenna by two other
>quarter waves. In the diagram below "M" is a quarterwave at the Marine
>band and "A" is a quarter wave on the APRS frequency. The shorted
>stubs are 9 and 8 quarter waves at the APRS frequency respectively.
>
>   APRS Radio >----------+   ___
> | \|/
>   x--------------------* |
>   shorted stub 9A (10M) |M |
>   *-----------+
>   shorted stub 8A (9M) |A
>   x------------------*
> |
>   Marine Radio >--------+
>
>The idea is that the odd length stub on the APRS side is an open
>circuit to APRS and a short circuit to the marine band. Similarly,
>the even length stub on the Marine Band side is a short to APRS and
>an open to the marine band. In this case, with the 144.4 MHz
>APRS frequency compared to the 156.5 MHz marine band it took the
>lengths shown to get them a quarter wave out of phase for each
>band.
>
>I havent built this yet to see what kind of isolation it can
>achieve, but if I can achieve 30 dB, then that should be sufficient
>to protect each rig from burnout of the receiver when the other one
>transmits.   Has anyone else had experience with such a stub system
>that might comment on lessons learned?
>
>de WB4APR, Bob

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96. [propnet] 16:53Z 11/15 Who's Beaconing on west coast?

From: Jack <friday2k@pacbell.net>
Date: Mon, 15 Nov 1999 08:57:05 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-49968-1999.11.15-11.11.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Although I cannot get a burst solidly enough to show up on my screen, I
am hearing some packet bursts out there every so often. I am beaconing
every 10 seconds from CM87vt Oakland, CA (W6ABC-2). Not sure which way
to point the beam.
Email me direct friday2k@pacbell.net if you are within MS range. Time is

posted on the Subject line.
73, Jack

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97. [propnet] 6 meter j pole

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Mon, 15 Nov 1999 18:51:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50020-1999.11.15-18.04.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello List,

does any one have an plans for a quick and dirty j pole for 6? The old beam has an SWR of 5!!! at that end of the band. Ihate when that happens!!!

-joe N1MNU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

98. [propnet] Re: 6 meter j pole

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 15 Nov 1999 18:59:21 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50022-1999.11.15-18.12.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a 2m JPole somewhere on the internet, made from 300 Ohm TV twinlead. I made one from the plans as a demo project for the radio club last year. Look it up (dogpile) and just scale it to your frequency (make everything 146/52 = 2.8 times larger). Mine had to be tweaked, so yours probably will too. I fortunately had a MFJ-259B to help me. If you can't measure, just scale it and see what you get.

Jerry W4UK

At 06:51 PM 11/15/99 -0500, you wrote:
>Hello List,
>
>   does any one have an plans for a quick and dirty j pole for 6? The old beam
>has an SWR of 5!!! at that end of the band. Ihate when that happens!!!
>
>-joe N1MNU
>
>
>---
>You are currently subscribed to propnet as: jflanders2@home.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

99. [propnet] Re: 6 meter j pole

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Mon, 15 Nov 1999 19:16:36 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50026-1999.11.15-18.30.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK Thanks Jerry, I will do that!!!

N1MNU

-----Original Message-----
From: bounce-propnet-12653@lists.tapr.org
[mailto:bounce-propnet-12653@lists.tapr.org]On Behalf Of Jerry Flanders
Sent: Monday, November 15, 1999 6:59 PM

To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: 6 meter j pole

There is a 2m JPole somewhere on the internet, made from 300 Ohm TV
twinlead. I made one from the plans as a demo project for the radio club
last year. Look it up (dogpile) and just scale it to your frequency (make
everything 146/52 = 2.8 times larger). Mine had to be tweaked, so yours
probably will too. I fortunately had a MFJ-259B to help me. If you can't
measure, just scale it and see what you get.

Jerry W4UK

At 06:51 PM 11/15/99 -0500, you wrote:
>Hello List,
>
>   does any one have an plans for a quick and dirty j pole for 6? The old
beam
>has an SWR of 5!!! at that end of the band. Ihate when that happens!!!
>
>-joe N1MNU
>
>
>---
>You are currently subscribed to propnet as: jflanders2@home.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: jpupecki@mediaone.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
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100. [propnet] RE: 147.585 Intermod problem, any suggestions

From: Tc2scanb@aol.com
Date: Mon, 15 Nov 1999 19:16:53 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50028-1999.11.15-18.31.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used a simple coaxial stub to suck out the second harmonic of my ATV
transmitter. The second harmonic was getting into my TV channel 13 and
causing interference. I put the stub right at the output of the ATV exciter
and it completely removed it without effecting the power of the ATV signal.
The ATV exciter had a short piece of RG58 feeding the amplifier so I used an
SO239 without the RG58 adapter in the end and ran the RG58 stub right along
side into the connector. Works great and it is cheap.

Gene
N9GJJ

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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101. [propnet] Re: 6 meter j pole

From: "Ralph Wallio, W0RPK" <wallio@crosspaths.net>
Date: Mon, 15 Nov 1999 18:19:05 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50029-1999.11.15-18.32.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Joe,

If you have back issues of QST available, see Build a Weatherproof PVC
J-Pole Antenna, Dennis Blanchard, K1YPP, QST July 1995, p.62. This
construction article includes dimensions for 53.00MHz.

73, Ralph Wallio, W0RPK

----- Original Message -----

From: Joe Pupecki <jpupecki@mediaone.net>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Monday, November 15, 1999 5:51 PM
Subject: [propnet] 6 meter j pole

> Hello List,
>
> does any one have an plans for a quick and dirty j pole for 6? The old
beam
> has an SWR of 5!!! at that end of the band. Ihate when that happens!!!
>
> -joe N1MNU

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102. [propnet] Re: MS Help: What antenna to use

From: Tc2scanb@aol.com
Date: Mon, 15 Nov 1999 19:20:27 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50031-1999.11.15-18.34.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used a circular polarized beam a couple years ago with good success with
40watts. My call is on the map in QST. The only thing at this higher
frequency the SWR is higher and I can't get as much power so it will be
interesting to see how it works this time.

Gene
N9GJJ

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103. [propnet] intermod

From: "John Kirk, VE6XT" <jakirk@calcna.ab.ca>
Date: Mon, 15 Nov 1999 18:04:40 -0700 (MST)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50038-1999.11.15-19.21.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It really pays to identify the source of your intermod before spending any
money or time trying to cure it with filters. Mine, for example, comes
from a 143.985 taxi digital dispatch and our local packet digipeater on
145.15. There isn't a filter made that can make the bottom end of 2
useful again to me.
On the other hand, I built 2 water-pipe preamps for local amateurs who
were never able to run preamps before. Turns out their intermod was from
fm & tv stations, far enough removed from our bands to make the cavity
100% effective.
Your milage may vary!
John
PS: I'll be in listen mode only during the Leonids, with 10 elements
pointed at Arizona & California. I'll be sure to report back what, if
anything I hear.

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104. [propnet] WinAPRS and Windows 3.1

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 15 Nov 1999 20:07:16 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50040-1999.11.15-19.22.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've gotten a couple of inquiries about using WinAPRS on computers that
are using Windows 3.1. In order to do so, you must download "Win32s".
Here's the information you need to find and use it. Enjoy!
-= Ev, W2EV =-

105. [propnet] [Fwd: W0RPK-6 beaconing east on 53.530 from EN31FK]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Mon, 15 Nov 1999 20:34:50 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50046-1999.11.15-19.49.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Everyone,
We're being joined by a real "original". W0RPK is credited with being
the first (along with w3otc) to sustain a packet-based MS QSO. Yes,
there is activity on 53.53! :o)

Ev, W2EV

106. [propnet] Re: Up and running on 53.530 MHz

From: Evhen Tupis <evman@ix.netcom.com>
Date: Mon, 15 Nov 1999 20:38:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@tapr.org
Message-ID: <LYR1548-50047-1999.11.15-19.53.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey, that's great news! It's good to have more folks on 53.53, for
sure. I've cc:'d your note to the PropNet special interest group
listserve. That's where a lot of folks who are active are hanging out.
Feel free to subscribe on the TAPR website (http://www.tapr.org). It's
a low volume, high quality list serve, with lots of activity around the
meteor showers.

One of the members is keeping track of who is active and posting the
results. Welcome aboard! -= Ev, W2EV =-

Walroth James F Maj 81MDTS/SGQX wrote:
>
> Greetings W2EV,
>
> I greatly enjoyed your articles in the Nov 99 issues of CQ VHF and
> QST. As of last night, I have my MFJ TNC beaconing on 53.530 MHz every 10
> seconds from Mississippi Gulf Coast in EM50oj. I will let it continue at
> least through 20 November. I am running about 60 watts output into an
> indoor 6 meter dipole/inverted Vee. The rig is an original Icom 706 which
> seems to work fine.
>
> If I meet with any success, I'm planning a presentation on this
> topic for my daughter's second grade class.
>
> 73, and hope to exchange packets with you via the "rocks"!
>
> James F. Walroth, Major, USAF, MC
> Chief, Nuclear Medicine Services
> Keesler USAF Medical Center

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107. [propnet] Will be running all night

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Mon, 15 Nov 1999 23:15:49
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50083-1999.11.15-23.29.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all. I'm just about ready to go "Live" here in a few minutes from
DM03ut. I'll be beaconing every 10 secs, running 65W to my 5/8-over-1/2
commercial vertical (abt 3dB gain). The 4el yagi goes up tommorrow morning,
and I'm going to start off pointing it up the coast. Maybe Jack can snag a
few from me! Still can't get my amp stable.....suspect a loose connection
internally....so I'll try and get that fixed tommorrow afternoon. Sure
would be nice to have 160W!
73......Jim KQ6EA

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108. [propnet] Re: Will be running all night

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Mon, 15 Nov 1999 23:17:26
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50084-1999.11.15-23.30.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WHOOOPS!! I'll be on 147.585
jim

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109. [propnet] MS here I come

From: Richard Parry <rparry@qualcomm.com>
Date: Mon, 15 Nov 1999 23:00:59 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50134-1999.11.16-01.14.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am on 147.585 broadcasting at 5 second intervals from DM13LA. 50Watts to
4 element beam pointed north to LA, San Francisco, Oregon, etc. (I am in
San Diego). The call is W9IF-2. I will be on until the 19th. Good luck
everyone!

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

110. [propnet] [Fwd: MS trouble shooting]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Tue, 16 Nov 1999 05:52:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50140-1999.11.16-05.07.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought this may be of interest to some . . .

-= Ev, W2EV =-

111. [propnet] MS trouble shooting:No Icons!

From: Evhen Tupis <evman@ix.netcom.com>
Date: Tue, 16 Nov 1999 06:12:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50142-1999.11.16-05.27.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There are a couple of reasons why stations may not be appearing on your
map. The first that comes to mind is that the transmitting station must
be sending one of the following formats:

W1AAA>CQ,QSL1-1:[FN31XX]
-or-
W1AAA>FN31XX,QSL1-1:]G[

In the first example, the default icon will be a tower with the letters
"G S" on either side (meaning Grid Square)...just like what appeared in
the graphics in the QST/CQ-VHF article. There *must* be square brackets
around the grid square ("[FN31XX]").

In the second example, the grid square locator has been moved to replace
the "CQ". As such, one must force the icon designation to be sent.
That's what the "]G[" does. if anything is omitted to the right of the
":", then the received packet will not be displayed.

In both examples...the "QSL1-1" may be omitted, and has no bearing on
the ability of the transmitting station to be displayed.

A second reason for not displaying other stations is a setup parameter
being not set correctly in your TNC. "If it does not compute, you must
reboot". <g> In this case, I would suggest restoring your TNC to
factory defaults and redoing the MS setup.

Note...to setup your station:
Using a terminal package . . .
1. Restore TNC to factory defaults (RESTORE D for Kantronics TNC's)
2. Reset the MYCALL parameter
Close the terminal package, and launch WinAPRS . . .
1. Setup WinAPRS according to the QST/CQ-VHF instructions
2. Use WinAPRS's terminal window (under the pull-down menue:
Windows|Terminal Window) to do the manual TNC configuration

Once you think everything is all set, QSY to 144.39 to run a quick TEST
of your Receive-system. Even though you are configured for MS work, you
should still be able to decode standard APRS packets. If you can, then
your station is working fine on RX. Just make sure it is TXing as
described above.

Just remember to QSY back to 147.585...the rocks should begin falling at
a good clip at any time now.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

112. [propnet] Re: MS trouble shooting:No Icons!

From: "Ralph Wallio, W0RPK" <wallio@crosspaths.net>
Date: Tue, 16 Nov 1999 06:00:20 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50144-1999.11.16-06.14.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,

Thanks for your troubleshooting tip. I have been beaconing on 53.530MHz
without brackets around my grid square in BTEXT but this is fixed as of
roughly 1200z on 16Nov. I am not running APRS software but I am displaying
and capturing received packets with a terminal program. My station will be
on-the-air around the clock until Friday afternoon.

My 5-element horizontally polarized Yagi is only at 12ft which will severely
limit my metscat range because the forward lobe is at a high elevation.
Nonetheless, I have copied a few packets from N2QAE-12 in New Jersey.

TNX es 73, Ralph Wallio, W0RPK in [EN31FK]

> There are a couple of reasons why stations may not be appearing on your
> map. The first that comes to mind is that the transmitting station must
> be sending one of the following formats:
>
> W1AAA>CQ,QSL1-1:[FN31XX]
> -or-
> W1AAA>FN31XX,QSL1-1:]G[
>
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> "G S" on either side (meaning Grid Square)...just like what appeared in
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> around the grid square ("[FN31XX]").
>

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113. [propnet] Re: 6 meter j pole

From: Doug Reed <n0nas@amsat.org>
Date: Tue, 16 Nov 1999 08:11:32 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50156-1999.11.16-08.21.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:51 PM 11/15/1999 -0500, you wrote:
>   does any one have an plans for a quick and dirty j pole for 6? The old beam
>has an SWR of 5!!! at that end of the band. Ihate when that happens!!!
>-joe N1MNU

Hi Joe.

Take a quick look at www.sedan.org and follow the link on item 29, Theory of J-poles. Buck Rogers, K4ABT, did several nice pages of info on building J-poles with some specific designs for 6 meter packet. Just remember to adjust the lengths for 53.53 MHz versus the original 51 MHz. K4ABT has a simple antenna calculator on the web page too. Should be everything you need.

I had some tentative thoughts on building a 6 meter J-pole myself. Based on an old article in 73 or Ham Radio magazine, I was thinking of using a 20 foot galvanized fence top rail as the main vertical element and a shorter piece as the 1/4 wave section. I'd use a (est.) 10" by 12" piece of 1/4" aluminum plate as a spacer and short, with U-bolts to clamp it to both pipes. The spacing between the pipes is set according to the design dimensions and element lengths are set by loosening the U-bolts and sliding the pipes up and down. Finding the feedpoint and adjusting SWR is done as usual.

I had also considered using some "aluminum welding/brazing rod" to bond the top of the plate to the pipes after getting everything adjusted. It may be an unneeded step but I don't trust the clamping action for a long term electrical bond.

And be sure to use bronze ground clamps or stainless steel fittings to separate the copper wire from the galvanized pipe. And then paint or otherwise seal the copper wire. If you let copper ions touch galvanized pipe, the zinc is leached out and the pipe will start rusting almost immediately. I mounted a copper J-pole on a galvanized vent pipe a few years ago. That vent pipe is very rusty but a different vent pipe is still perfect. Good luck with your project.

73. Doug Reed, N0NAS

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

114. [propnet] Nothing yet.....

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Tue, 16 Nov 1999 10:23:19
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50183-1999.11.16-10.36.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, after running all night (3937 packets), all I've rcvd so far is:
K6TVI-2 Seal Beach, CA
WB5EKU-2 North Hills, CA
KJ6RR-2 Redondo Beach, CA
K6SPK   L.A., CA
Not exactly DX, and no icons, either. Only 3 stations have the "-2", so I'm assuming they're set up correctly. I've rebooted ,"restore d", and made sure that I'm setup exactly per the QSR article several times, and I can APRS on 144.39.
The beam is going up in about 2 hours, and then I'll get to that pesky amp!
Just gotta keep pluugin' until I get it right!
73.....Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

115. [propnet] Re: 5 second intervals.

From: Richard Parry <rparry@qualcomm.com>
Date: Tue, 16 Nov 1999 09:02:27 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: mtortorella@lucent.com, g_sparry@qualcomm.com, WB2LCW@yahoo.com,
rparry@qualcomm.com
Message-ID: <LYR1548-50196-1999.11.16-11.16.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Al,

DID YOU REALLY HEAR ME 3,500 MILES AWAY!!!

I just looked on the Leonid web page and see you are NX2Q-2 FN20wv Clifton, NJ 150w Al. Is this real? Did you really hear my packet 3,500 miles, San

Diego to New Jersey? I am a newbie, I thought normal Meteor Scatter was
normally about 1,000 miles. This is very exciting. The Leonid peak isn't
for a few days yet. I almost can't believe this, are you pulling my leg?

Now to answer your question:
I am using the Paccomm "Pico" TNC which allows you to change the interval
to anything you want. I can reduce it to 1 second and much faster if I
wanted (for example, 1 ms). I believe you are limited to 10 seconds. I
have a PK232 which is probably like the DSP2232 and it is limited to 10
second intervals.

In case in you interested in how the Paccomm TNC does it, I have 2 timers
to control. There is a course adjust: 1ms, 1 second, and 10 seconds. And
there is also a "fine" adjust 1-999. So I set the course adjust to 1
second, and the fine adjust to 5 (1 x 5 = 5 seconds).

The TNC is totally responsible for the time interval, I am not using any of
the APRS programs to control the TNC.

About now many of my packets did you hear? I was broadcasting all night
and will continue to do so until Friday or Saturday.

thanks,

At 08:08 AM 11/16/99 -0500, you wrote:
>Richard,   I saw your Propnet message about MS...5 sec intervals.
>
>I am trying to get my AEA DSP 2232 to transmit at less than 10 second
>intervals. Do you happen to know how this can be accomplished?
>
>Al NX2Q

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

116. [propnet] Re: MS trouble shooting:No Icons!

From: "Donald Jacob" <dejacob@flash.net>
Date: Tue, 16 Nov 1999 09:20:34 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50199-1999.11.16-11.34.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the brackets tip, mine was not sending them. I am now sending the
following packet.

WB5EKU-2>CQ,QSL1-1: <UI>: [DM04sg]

Is the <UI> in the packet correct ... Is this still preventing me from
seeing stations on my map??

Thanks
Don
wb5eku

----- Original Message -----
From: Evhen Tupis <evman@ix.netcom.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Tuesday, November 16, 1999 3:12 AM
Subject: [propnet] MS trouble shooting:No Icons!

> There are a couple of reasons why stations may not be appearing on your
> map. The first that comes to mind is that the transmitting station must
> be sending one of the following formats:
>
> W1AAA>CQ,QSL1-1:[FN31XX]
> -or-
> W1AAA>FN31XX,QSL1-1:]G[
>
> In the first example, the default icon will be a tower with the letters
> "G S" on either side (meaning Grid Square)...just like what appeared in
> the graphics in the QST/CQ-VHF article. There *must* be square brackets
> around the grid square ("[FN31XX]").
>
> In the second example, the grid square locator has been moved to replace
> the "CQ". As such, one must force the icon designation to be sent.
> That's what the "]G[" does. if anything is omitted to the right of the

> ":", then the received packet will not be displayed.
>
> In both examples...the "QSL1-1" may be omitted, and has no bearing on
> the ability of the transmitting station to be displayed.
>
> A second reason for not displaying other stations is a setup parameter
> being not set correctly in your TNC. "If it does not compute, you must
> reboot". <g> In this case, I would suggest restoring your TNC to
> factory defaults and redoing the MS setup.
>
> Note...to setup your station:
> Using a terminal package . . .
> 1. Restore TNC to factory defaults (RESTORE D for Kantronics TNC's)
> 2. Reset the MYCALL parameter
> Close the terminal package, and launch WinAPRS . . .
> 1. Setup WinAPRS according to the QST/CQ-VHF instructions
> 2. Use WinAPRS's terminal window (under the pull-down menue:
> Windows|Terminal Window) to do the manual TNC configuration
>
> Once you think everything is all set, QSY to 144.39 to run a quick TEST
> of your Receive-system. Even though you are configured for MS work, you
> should still be able to decode standard APRS packets. If you can, then
> your station is working fine on RX. Just make sure it is TXing as
> described above.
>
> Just remember to QSY back to 147.585...the rocks should begin falling at
> a good clip at any time now.
>
> Ev, W2EV
>
> ---
> You are currently subscribed to propnet as: wb5eku@amsat.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

117. [propnet] 6M Beacons

From: tb1999 <tb1999@netzero.net>
Date: Tue, 16 Nov 1999 10:18:56 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50213-1999.11.16-12.32.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings!!

Not many people on list yet for 6m. Some up in NE of country but for us
folks in
west coast not much. I might be able to hit:

 W0RPK-6 EN31fk nr Des Moines, IA 100w Ralph

But chances of double hop to east coast are pretty low.. Com-on SIX!!

Humm... Unless.... I replace the Jpole with my beam instead which is
sitting in a box.... Hey... I think it tunes to 54mhz.... COOL! (it's
a Comet CA-52AHB4 HB9CV).
Time to pull out the ladder...
Also, on a side note.. Figured out how to be both on 2m and 6m with a
FT847 using
priority channel with 50% duty cycle on each. 10seconds on 2m then 10sec
on 6m. Only problem is that MYCALL can only be set to either KF6UEF-2 or
-6... Bummer..

73,
Antonio, KF6UEF

_____
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118. [propnet] Register my WinAPRS?

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Tue, 16 Nov 1999 12:19:30
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50214-1999.11.16-12.33.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello, all. I suppose I should post this to the other SIG, but how do I
register my copy of WinAPRS? Nothing in the help file on "HOWTO".
Thanks, Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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119. [propnet] Re: Register my WinAPRS?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 16 Nov 1999 11:34:17 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50220-1999.11.16-12.48.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:19 PM 11/16/1999, Jim Jerzycke sent:
>Hello, all. I suppose I should post this to the other SIG, but how do I
>register my copy of WinAPRS? Nothing in the help file on "HOWTO".
>Thanks, Jim KQ6EA

        You might email Mark Sproul at msproul@ap.org

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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120. [propnet] Re: Register my WinAPRS?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 18:25:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50262-1999.11.16-17.40.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim,
At this point, you need to mail a check to the authors. Their address is
in the docs. There are hopes for them to accept credit cards, but at this
time, they are private individuals without this capability.
-=Ev, W2EV=-

Jim Jerzycke wrote:

> Hello, all. I suppose I should post this to the other SIG, but how do I
> register my copy of WinAPRS? Nothing in the help file on "HOWTO".
> Thanks, Jim KQ6EA
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

121. [propnet] Re: 6M Beacons

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 18:27:54 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50263-1999.11.16-17.42.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nice to have you on! Don't worry about the -2 on your call. It's just a
convention, but doesn't affect operation at all. GL! -= Ev =-

tb1999 wrote:

> Greetings!!
>
> Not many people on list yet for 6m. Some up in NE of country but for us
> folks in
> west coast not much. I might be able to hit:
>
> W0RPK-6 EN31fk nr Des Moines, IA 100w Ralph
>
> But chances of double hop to east coast are pretty low.. Com-on SIX!!
>
> Humm... Unless.... I replace the Jpole with my beam instead which is
> sitting in a box.... Hey... I think it tunes to 54mhz.... COOL! (it's
> a Comet CA-52AHB4 HB9CV).
> Time to pull out the ladder...
> Also, on a side note.. Figured out how to be both on 2m and 6m with a
> FT847 using
> priority channel with 50% duty cycle on each. 10seconds on 2m then 10sec
> on 6m. Only problem is that MYCALL can only be set to either KF6UEF-2 or
> -6... Bummer..
>
> 73,
> Antonio, KF6UEF
>
> _____________________________________
> NetZero - Defenders of the Free World
> Get your FREE Internet Access and Email at
> http://www.netzero.net/download/index.html
>
> ---
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> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

122. [propnet] Nothing yet!

From: "Donald Jacob" <dejacob@flash.net>
Date: Tue, 16 Nov 1999 16:12:12 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50270-1999.11.16-18.33.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have received reports that my station is being heard in the area, even a
letter complaining that we are going to flood the Los Angeles Basin with
packets and nothing will get thru !!!
Anyway, I am not showing any received stations on my map. Am I the only one
not receiving?

Using an omni with about 35 watts at the northern end of Los Angeles, in the
San Fernando Valley..

Thanks
Don,   wb5eku

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123. [propnet] EV your station came up

From: George Roberts <ehc101@yahoo.com>
Date: Tue, 16 Nov 1999 16:38:35 -0800 (PST)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50272-1999.11.16-18.52.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Ev,

Just check my station, Your call came up at 19:09z.

Probabitity a direct connection. Please let me know
what you think.

George
KA2QYA
Amherst, NY

=====

____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

124. [propnet] Another freq?

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Tue, 16 Nov 1999 19:42:08 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50273-1999.11.16-18.55.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello List,

Is there any packet activity closer to the low end of 6 meters? I have been
too busy to get any sort of antenna up in the air that's cut for the high
end of the band, the bean shows 5:1 swr at 53.53, I am in receive only on 6
for now. 2 meters is running with 50 watts, beaming W/SW...

-joe N1MNU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

125. [propnet] Re: Nothing yet.....

From: Richard Parry <rparry@qualcomm.com>
Date: Tue, 16 Nov 1999 18:04:53 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50284-1999.11.16-20.20.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am sending packets up your way from San Diego! Good luck,

At 10:23 AM 11/16/99 +0000, you wrote:
>Well, after running all night (3937 packets), all I've rcvd so far is:
>K6TVI-2 Seal Beach, CA
>WB5EKU-2 North Hills, CA
>KJ6RR-2 Redondo Beach, CA
>K6SPK   L.A., CA
>Not exactly DX, and no icons, either. Only 3 stations have the "-2", so I'm
>assuming they're set up correctly. I've rebooted ,"restore d", and made
>sure that I'm setup exactly per the QSR article several times, and I can
>APRS on 144.39.
>The beam is going up in about 2 hours, and then I'll get to that pesky
>amp!
>Just gotta keep pluugin' until I get it right!
>73.....Jim KQ6EA
>
>
>

>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

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126. [propnet] Re: MS trouble shooting:No Icons!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 22:07:53 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50302-1999.11.16-21.31.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Excellent! I think you need to:
MCON OFF
MCOM OFF
That should remove the <UI> in the middle and cause your WinAPRS station to
begin seeing icons from other stations. Try it and see what happens...then let
us know.
Ev, W2EV

Donald Jacob wrote:

> Thanks for the brackets tip, mine was not sending them. I am now sending the
> following packet.
>
> WB5EKU-2>CQ,QSL1-1: <UI>: [DM04sg]
>
> Is the <UI> in the packet correct ... Is this still preventing me from
> seeing stations on my map??
>
> Thanks
> Don
> wb5eku
>
> ----- Original Message -----
> From: Evhen Tupis <evman@ix.netcom.com>
> To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
> Sent: Tuesday, November 16, 1999 3:12 AM
> Subject: [propnet] MS trouble shooting:No Icons!
>
> > There are a couple of reasons why stations may not be appearing on your
> > map. The first that comes to mind is that the transmitting station must
> > be sending one of the following formats:
> >
> > W1AAA>CQ,QSL1-1:[FN31XX]
> > -or-
> > W1AAA>FN31XX,QSL1-1:]G[
> >
> > In the first example, the default icon will be a tower with the letters
> > "G S" on either side (meaning Grid Square)...just like what appeared in
> > the graphics in the QST/CQ-VHF article. There *must* be square brackets
> > around the grid square ("[FN31XX]").
> >
> > In the second example, the grid square locator has been moved to replace
> > the "CQ". As such, one must force the icon designation to be sent.
> > That's what the "]G[" does. if anything is omitted to the right of the
> > ":", then the received packet will not be displayed.
> >
> > In both examples...the "QSL1-1" may be omitted, and has no bearing on
> > the ability of the transmitting station to be displayed.
> >
> > A second reason for not displaying other stations is a setup parameter
> > being not set correctly in your TNC. "If it does not compute, you must
> > reboot". <g> In this case, I would suggest restoring your TNC to
> > factory defaults and redoing the MS setup.
> >
> > Note...to setup your station:
> > Using a terminal package . . .
> > 1. Restore TNC to factory defaults (RESTORE D for Kantronics TNC's)
> > 2. Reset the MYCALL parameter

> > Close the terminal package, and launch WinAPRS . . .
> > 1. Setup WinAPRS according to the QST/CQ-VHF instructions
> > 2. Use WinAPRS's terminal window (under the pull-down menue:
> > Windows|Terminal Window) to do the manual TNC configuration
> >
> > Once you think everything is all set, QSY to 144.39 to run a quick TEST
> > of your Receive-system. Even though you are configured for MS work, you
> > should still be able to decode standard APRS packets. If you can, then
> > your station is working fine on RX. Just make sure it is TXing as
> > described above.
> >
> > Just remember to QSY back to 147.585...the rocks should begin falling at
> > a good clip at any time now.
> >
> > Ev, W2EV
> >
> > ---
> > You are currently subscribed to propnet as: wb5eku@amsat.org
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

127. [propnet] Re: Nothing yet.....

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 22:12:07 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50303-1999.11.16-21.31.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jim,
Try the following commands in your terminal window:
MCOM OFF
MCON OFF
See if icons start appearing. LEmme know.

-= Ev =-

Jim Jerzycke wrote:

> Well, after running all night (3937 packets), all I've rcvd so far is:
> K6TVI-2 Seal Beach, CA
> WB5EKU-2 North Hills, CA
> KJ6RR-2 Redondo Beach, CA
> K6SPK   L.A., CA
> Not exactly DX, and no icons, either. Only 3 stations have the "-2", so I'm
> assuming they're set up correctly. I've rebooted ,"restore d", and made
> sure that I'm setup exactly per the QSR article several times, and I can
> APRS on 144.39.
> The beam is going up in about 2 hours, and then I'll get to that pesky
> amp!
> Just gotta keep pluugin' until I get it right!
> 73.....Jim KQ6EA
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

128. [propnet] MS Help: Verifying TX

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 22:04:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50305-1999.11.16-21.31.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do you know if your station is transmitting in a way that is
decodable by other stations? There are several tests you can make (and
things to consider) . . .

   * Examine your transmit packets in a terminal window. In WinAPRS,
     that is found under the "Windows" pull-down menu, and selecting
     "Terminal Window". Your packets must take one of the following two
     forms:
        o W2AAA-2>CQ,QSL1-1:[FN03XD]
        o W2AAA-2>FN03XD,QSL1-1:]G[
             + W2AAA-2=2meter MS station with W2AAA callsign
             + FN03XD is W2AAA's grid square
             + The "["'s are required
             + The "]G[" is required for the noted packet format
             + The ",QSL1-1" is the only optional item. If it is
               omitted, everything will still work fine.
   * If you have other MS stations in your area, work with them. Make
     sure each of you can see the other on their screens.
   * If you don't have any other MS stations in your area, but you DO
     have an IGATE (an APRS station that is gating APRS traffic to the
     internet), then change your LTP to LTP 1 CQ VIA RELAY,WIDE,WIDE and
     change your frequency to 144.39 (leaving your beacon rate at
     10-seconds). Launch a second occurance of WinAPRS (this is
     allowed, believe it or not), attach to the internet and connect to
     one of the internet APRS servers (using the menu-selections of:
     Settings | TCP-IP Connections | Southern Florida USA Composite).
     If your packets are being heard and decoded by the IGATE, you will
     see it appear on your internet-connected APRS session.

These are just a couple of hints that may help you to be heard by
others.

Ev, W2EV

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

129. [propnet] More MS Help: Verifying RX

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 21:44:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50304-1999.11.16-21.31.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do you know if your station is setup correctly to receive MS
packets? There are a couple of simple tests:
1. With your station setup for MS, tune 144.39-MHz to see if it decodes
standard APRS traffic OK. If it doesn't, it won't work for MS either.

2. If you hear other MS stations in your area, but nothing is decoding
on your screen...make sure the following parameters are set correctly:
MCOM OFF
MCON OFF

When decoding packets, there shouldn't be any "<UI>" statements in
received packets. These are statements inserted by your own TNC,
identifying your mode as Unconnected Information . . . the mode that
APRS works on. APRS software doesn't usually like seeing that. The
statements above turn that function off. If you did a full reset of
your TNC prior to configuring it for WinAPRS, then launched WinAPRS and
did a manual configuration using WinAPRS' terminal window...this should

have been reset for you. If, for some reason that didn't happen, you
will need to do it manually.

Ev Tupis, W2EV

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

130. [propnet] Re: Nothing yet!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 22:22:16 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50307-1999.11.16-21.37.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don,
The MS activity is on 147.585, not on 144.39. There shouldn't be any reason to
be "flooding the Basin". Be advised, that 35-watts to an omni is extremely
mariginal for MS work (not much TX power there)...but you may be fortunate
enough to receive a good one ore two. Hang in there. :o)
Ev, W2EV

Donald Jacob wrote:

> I have received reports that my station is being heard in the area, even a
> letter complaining that we are going to flood the Los Angeles Basin with
> packets and nothing will get thru !!!
> Anyway, I am not showing any received stations on my map. Am I the only one
> not receiving?
>
> Using an omni with about 35 watts at the northern end of Los Angeles, in the
> San Fernando Valley..
>
> Thanks
> Don,   wb5eku
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

131. [propnet] Re: EV your station came up

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 22:24:58 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50309-1999.11.16-21.39.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great! That's when I powered up. I'm running 25 watts until 11:00
pm...when I kick in the afterburner (300-watts). :o) It looks like your
station is RXing well! Absolutly a direct connection. I'm at the
Monroe/Orleans county line, on a nice little hill, pointing my antenna
toward Kansas. GL!
-= Ev, W2EV =-

George Roberts wrote:

> Dear Ev,
>
> Just check my station, Your call came up at 19:09z.
>
> Probabitity a direct connection. Please let me know
> what you think.
>
> George
> KA2QYA
> Amherst, NY
>
> =====
>
> _____
> Do You Yahoo!?
> Bid and sell for free at http://auctions.yahoo.com
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

132. [propnet] Re: Another freq?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 22:26:28 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50310-1999.11.16-21.41.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Joe...unfortunately none that I know of...however, don't discount a simple dipole.
Additionally...try loading a 40-meter dipole, if you have one...I understand there is a
good harmonic relationship there. GL!
-= Ev, W2EV =-

Joe Pupecki wrote:

> Hello List,
>
>   Is there any packet activity closer to the low end of 6 meters? I have been
> too busy to get any sort of antenna up in the air that's cut for the high
> end of the band, the bean shows 5:1 swr at 53.53, I am in receive only on 6
> for now. 2 meters is running with 50 watts, beaming W/SW...
>
> -joe N1MNU
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

133. [propnet] 6 Meter Leonids Success

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 22:33:58 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50311-1999.11.16-21.49.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In case anyone missed it...W0RPK in Iowa has reported receiving several
packets from N2QAE-12 in New Jersey. That's a little over 1000 miles by
my calculations. The rocks have started falling!

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

134. [propnet] MS Technical Primer

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 Nov 1999 22:53:17 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50314-1999.11.16-22.08.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is your appetite whetted? Does MS intreague you? Do you want to know
more about meteor showers and how to take best advantage of your
operating time and resources? This years' MS experiment is a very
low-level event. The idea was to get as many people as possible
active...bathing the sky with RF.

However...there is more to know...for those willing to learn. Below is
a hyperlink to an excellent MS site. If you want to know more, surf
over and take the time to read through this excellent information. It
has a decidedly SSB/CW bend, but the information about meteor showers is
mode-independent.

http://www.uksmg.org/deadband.htm

Regards,
Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

135. [propnet] Re: MS Help: Verifying TX

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Tue, 16 Nov 1999 22:9:40
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50315-1999.11.16-22.23.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, Ev. Well....turning OFF MCOM and MCON got rid of the <UI> frames I was
sending, but still don't see any icons. I DO see that the other guys in my
area are sending packets that look just fine. At least I can 'save' my list
files for a record! Finally got the beam up, pointed about 30deg West of
"Map North"....I figured this might get me up into the S.F. Bay area. STILL
can't get the doggone amp stable at more than 100W....runs OK for awhile,
then goes bonkers, draws double the current, and wipes out all my radio
stuff. The bias goes into oscillation when hot :(
Maybe tomorrow, but for tonight I'll stick with 65W.
Thanks for the tips on TNC settings.
Jim....KQ6EA

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

136. [propnet] Re: Nothing yet!

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Tue, 16 Nov 1999 22:24:39
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50316-1999.11.16-22.38.17--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Hi, Don. I've been hearing you since last night, but no icons. You show up
just fine when I use my terminal window, and you show up in all the lists.
Just wondering if you've been seeing me.
73.....Jim KQ6EA

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

137. [propnet] Who's on in the West within range on 2meters?

From: Jack <friday2k@pacbell.net>
Date: Tue, 16 Nov 1999 21:52:36 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50335-1999.11.17-00.07.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
Beaconing every 5 seconds from CM87vt in Oakland, CA. If you are active
and looking this way please email me as soon as you read this and I will
beam your way. Time now is 550Z 11/17. I will be up for the next
couple of hours to turn the antenna to an active direction. 3 signals
are beaconing right now from the Bay Area. I'm guessing but, reasonable
range is between 500 and 800 miles on 2 meters. I can't wait to get my
first rock!
73 and let me know if you are pointing this way.
(Running 125w/10 elements currently pointing 0 degrees. Beacon every 5
seconds.)
Jack W6ABC-2

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

138. [propnet] Re: Who's on in the West within range on 2meters?

From: Richard Parry <rparry@qualcomm.com>
Date: Tue, 16 Nov 1999 23:34:37 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50356-1999.11.17-01.48.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jack,

I am beaconing every 5 seconds from San Diego and will be active 24 hours
all this week. Hope you hear me, W9IF-2. I am point exactly north, so I
am almost point at you with 4 element 2 meter beam at 50 watts. I don't
see you now? I hope I will see you when I wake up. It is now 07:30 zulu
and I am going to bed.

At 09:52 PM 11/16/99 -0800, you wrote:
>Hi,
>Beaconing every 5 seconds from CM87vt in Oakland, CA. If you are active
>and looking this way please email me as soon as you read this and I will
>beam your way. Time now is 550Z 11/17. I will be up for the next
>couple of hours to turn the antenna to an active direction. 3 signals
>are beaconing right now from the Bay Area. I'm guessing but, reasonable
>range is between 500 and 800 miles on 2 meters. I can't wait to get my
>first rock!
>73 and let me know if you are pointing this way.
>(Running 125w/10 elements currently pointing 0 degrees. Beacon every 5
>seconds.)
>Jack W6ABC-2
>
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

139. [propnet] Are You On? Let us know!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 17 Nov 1999 05:31:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50367-1999.11.17-04.47.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Even though many are trying with simple verticals (a low level of
probability of success, but a chance none-the-less), many of us are
using beams. Please...if you're active, register your activity at:
http://home.pacbell.net/friday2k/Leonids.html
I'm using that list as a "pointing guide", as I'm sure others are, too.

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

140. [propnet] No Icons? Check MHEARD

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 17 Nov 1999 05:37:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50368-1999.11.17-04.52.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For some reason, some folks are reporting that, although their s-meters
are moving on RX, no icons are being displayed. Don't be discouraged,
I'll try to continue working with anyone who is having problems.

In the mean time, use your terminal window to invoke the MHEARD
command. That will poll your TNC for its' list of stations that it has
heard (even if WinAPRS for some reason didn't decode it to your screen).

If the date and time is set in your TNC, it will even be properly
stamped there. If it's not set, then set it. It can be of great
assistance to you (but isn't necessary for operation).

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

141. [propnet] Re: Are You On? Let us know!

From: N3AWS@aol.com
Date: Wed, 17 Nov 1999 06:20:52 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50371-1999.11.17-05.34.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am on 53.530 beaconing every 10 seconds from EM50oj. So far, I haven't
heard anyone. Is anyone hearing me?

73,

Jim N3AWS-6 EM50

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

142. [propnet] Re: No Icons? Check MHEARD

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Wed, 17 Nov 1999 10:11:30
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-50428-1999.11.17-10.25.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MHeard has the same list of stations that are in the various "Lists"
selections on the tool bar. One thing I've noticed....In the
"Lists","Position List" choice, EVERYBODY'S LAT/LON except mine is "Out Of
Range". In the "Station List" choice, all the stations have the
international "Don't do that" (Red circle with slash through it)symbol to
their left, except for my station, which has the "GS Tower" symbol. One
other thing....once I've set up my TNC (Including MCOM OFF and MCON OFF) do
I have to reset/check anything when I kill and re-start WinAPRS?
73....Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

143. [propnet] Re: No Icons? Check MHEARD

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Wed, 17 Nov 1999 11:7:14
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50439-1999.11.17-11.20.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there any kind of time stamp that could be causing a conflict? I've got
my computer time set to UTC, and I'm not sure what the TNC is set to. I
suppose I should set it to UTC also.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

144. [propnet] Can QSL info from locals be stopped on TNC?

From: Jack <friday2k@pacbell.net>
Date: Wed, 17 Nov 1999 09:40:18 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50447-1999.11.17-11.54.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
So far no luck with hitting any rocks. I am beaming toward Los Angeles
right now. Which is about 400 miles to the south. One minor question:
is this too close for a bounce? My main question is, is there a way to
minimize or stop the QSL acknowledgements I'm getting from the local
stations? If this can be done through programming the TNC it would help
cut down the locals from talking to one another so frequently. Right
now there are 5 local signals here in the Bay Area.
KF6VSG-2
W6ABC-2
KF6JMQ-2
KE6AJE-2
AC6GN-2
If anyone knows if this can be done I'd appreciate an answer. Direct
email is friday2k@pacbell.net
Thanks and 73,
Jack W6ABC-2

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

145. [propnet] MS basics

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Wed, 17 Nov 1999 10:29:12 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50461-1999.11.17-12.43.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Surf this link (http://fs1.ilk.de/sites/gap/ms.htm) for some resources for
meteor scatter propagation.

Stan, WA1LOU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

146. [propnet] Got it working.....

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Wed, 17 Nov 1999 12:36:59
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50463-1999.11.17-12.50.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I sure don't know what I did, but now I'm getting the tower icons to
display from the two locals! Welcome aboard WB5EKU-2, and K6TVI-2 (love ur
call!). Maybe tonight I'll actually see some real packets!
73.....Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

147. [propnet] RE: Can QSL info from locals be stopped on TNC?

From: "Boissonneault, Martin (A)" <ve2mrx@amsat.org>
Date: Wed, 17 Nov 1999 15:13:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50498-1999.11.17-14.52.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi!
        Here is what I would do on a kantronics KPC-3 v5.1:

        To prevent receiving ACKs from your local stations, make a
cooperative effort and put each other's call in "supcall" and turn
"suplist from".

                Ex: "supcall +KF6VSG-2" <enter> will enter KF6VSG-2 in the list. Do
the same with all others you hear direct. Then, type "suplist
from"<Enter> and all packets FROM those stations will be ignored. I
have not actually tried this on <UI> packets, so the "LLIST on"
command may be needed instead of "suplist from".

        Please tell me if this works. My TNC programming is a bit rusty...
Other TNC's should have equivalent commands.

                Martin VE2MRX
                Mailto:ve2mrx@amsat.org

-----Original Message-----
Sent: Wednesday, November 17, 1999 12:40
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Can QSL info from locals be stopped on TNC?

<snip>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

148. [propnet] Yet another Leonid Success!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 17 Nov 1999 16:42:15 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50511-1999.11.17-15.57.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Empty message body]

149. [propnet] Re: Can QSL info from locals be stopped on TNC?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 17 Nov 1999 16:52:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50513-1999.11.17-16.08.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You have a great opportunity...the ability to keep the RF flying. :o)

An easy way to reduce the number of responses to QSL1-1 is to increase the
number in th command UITRACE QSL command. Increasing it to 60 will mean
that it will remember what it heard for 60-seconds and not repeat it again.
Of course, it will repeat it after that...but it will significantly reduce
the amount of channel traffic. I don't know what the upper limit is...but
take a gander in the manual.

Otherwise, use the SUPLIST command to manually enter the callsigns that you
want your TNC to ignore.

There's a couple of suggestions. Try them, but more importantly, let us all
know how it affected channel traffic for you.

Ev, W2EV

Jack wrote:

> Hi,
> So far no luck with hitting any rocks. I am beaming toward Los Angeles
> right now. Which is about 400 miles to the south. One minor question:
> is this too close for a bounce? My main question is, is there a way to
> minimize or stop the QSL acknowledgements I'm getting from the local
> stations? If this can be done through programming the TNC it would help
> cut down the locals from talking to one another so frequently. Right
> now there are 5 local signals here in the Bay Area.
> KF6VSG-2
> W6ABC-2
> KF6JMQ-2
> KE6AJE-2
> AC6GN-2
> If anyone knows if this can be done I'd appreciate an answer. Direct
> email is friday2k@pacbell.net
> Thanks and 73,
> Jack W6ABC-2
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

150. [propnet] [Fwd: Leonids 144 MHz]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Wed, 17 Nov 1999 17:09:41 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50517-1999.11.17-16.24.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Although Emil was specifically referring to 2-meter SSB operators,
there's an embedded jewel for all of us Rock-chasers. The radient of
the Leonids will appear above the horizon after 0200 until 1100 local
time. Everyone should be on TONITE! GL!
-=Ev, W2EV=-

PS: send your success reports to him, too!

151. [propnet] Working!!!

From: "Donald Jacob" <dejacob@flash.net>
Date: Wed, 17 Nov 1999 14:38:22 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50525-1999.11.17-16.52.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got it working, now receiving tower icons from:

KQ6EA-2
K6TVI-2
K6SPK-2

All relatively local to Southern Cal, but encouraging, hope to see more this evening.
My problem was, naturally, my fault. Had the audio from the radio patched to the wrong TNC! Dummy
time....

73
Don
wb5eku-2

152. [propnet] Re: Can QSL info from locals be stopped on TNC?

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Wed, 17 Nov 1999 17:9:21
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50528-1999.11.17-17.23.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My KPC-3Plus manual doesn't give a max value, but I set it to 90, and it
seems to reply less often.
.....jim

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

153. [propnet] 2M Packet Hit

From: Mel Roberts <w3mr@erols.com>
Date: Wed, 17 Nov 1999 18:49:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50538-1999.11.17-18.03.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Received a 2M packet from AC9R EM66 1414Z 11/17/99
at W3MR Davidsonville, MD FM18QX

73 Mel

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

154. [propnet] No Icon

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Wed, 17 Nov 1999 21:48:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50556-1999.11.17-21.02.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well I see a local, WR1K-2 every 10 seconds, but no icon! At least that's a
start...

-joe n1mnu

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

155. [propnet] Re: No Icon

From: sonic <sonic@pcom.net>
Date: Wed, 17 Nov 1999 22:30:57 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50561-1999.11.17-21.44.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Im seeing two locals also, but no icons. oh well..

At 21:48 11/17/1999 -0500, you wrote:
>Well I see a local, WR1K-2 every 10 seconds, but no icon! At least that's a
>start...
>
>-joe n1mnu
>
>
>---
>You are currently subscribed to propnet as: sonic@pcom.net
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

156. [propnet] W6ABC-6 Up and Running on 6 Finally!

From: Jack <friday2k@pacbell.net>
Date: Wed, 17 Nov 1999 19:22:43 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50562-1999.11.17-21.45.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
Finally got the 6 meter station running! And just in the nick of time.
100w with 5 elements! Now where to point the Beam? Hopefully it is
putting out enough audio for the packet burst, I think so.
Location is Oakland, CA. at CM87vt
Please let me know if you are in the Bay Area or within range to see if
this thing is working. I am using a KPC-3 but only version 6.0 so no
QSL feature, Oh well at least it's up and running.
73,
Jack W6ABC-6

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

157. [propnet] Locals

From: "Donald Jacob" <dejacob@flash.net>
Date: Thu, 18 Nov 1999 03:58:34 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50609-1999.11.18-06.13.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well its 4 am local time and all I see on the map are locals. I will be interested in the results from others in the area. My first try and I am hooked!

Don
wb5eku

158. [propnet] URGENT! Forgotten Parameter!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 18 Nov 1999 07:04:54 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50610-1999.11.18-06.20.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My nightmare has been realized. :o)

Please...spread the word as quickly as possible. One very important
parameter has been omitted all along: FULL DUPLEX ON

This allows a *lot* of people to use the MS channel at the same time.
In areas where there are 5 stations in range, each repeating the others'
packet once (the QSL1-1 command) the channel quickly fills with local
traffic and DX can't get through.

Turning FULL DUPLEX ON allows multiple transmissions to take place
simultaneously. THIS IS NOT BAD because of the geometry of a meteor
burst. You see...it it probable that stations even as close as 10 miles
will have a good burn for one, but not for the other. Transmitting at
the same time is OK.

Please spread the word as quickly as possible. My very sincere
apologies to those with 100% channel utilization because of that
omission.

Ev Tupis, W2EV
--
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study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

159. [propnet] Leonids: Keep going Thursday too

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 18 Nov 1999 07:09:53 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50613-1999.11.18-06.25.07--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

If you can...turn FULL DUPLEX ON and keep working tonite. It's not
quite over yet.
Ev, W2EV
--
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study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

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160. [propnet] WinAprs offer to help [was:No Icon]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 18 Nov 1999 07:12:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50614-1999.11.18-06.27.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Take a moment to review the format that received-but-not-displayed icons are
taking. Compare them to the information included at the end of this note. If
the packets are not formatted corectly, they won't decode. Let the transmitting
station know so they can conform, for everyones' benefit.

If things are being sent correctly, but you are not decoding correctly (or at
all), then something is not set correctly in your TNC or software. The most
likely cause is that you didn't restore your TNC to factory default settings
prior to configuring it for MS operation. That step is important, because
UI-frames (they type this application uses) require different setup parameters
than do standard BBS packet fames.

Take the time to reset your TNC to factory defaults, then follow the setup
instructions again. If you still see no icons, drop me a note and I'll try to
help from there.

Ev Tupis, W2EV
W2EV-2 on 147.585
W2AAA-6 on 53.530

If the packets you are receiving look like this (pay attention to the details):

Callsign>CQ,QSL1-1:[GRIDSQ]
Example:
W2AAA-6>CQ,QSL1-1:[FN03XD]
. . . "Callsign" is a variable and changes based on the licesee
. . . ">" is a constant, and is controlled by the AX.25 spec. You couldn't
change it if you wanted to.
. . . "CQ" is present for everyone using this format type
. . . ",QSL1-1" is optional (doesn't NEED to be present, but if it is, it must
look exactly as shown to be effective for QSLing. Even then, if it's wrong it
won't affect the ability to decode the packet by a receiving station.
. . . ":" is a constant, and is controlled by the AX.25 spec. You couldn't
change it if you wanted to.
. . . "[GRIDSQ]" is your 6-character grid locator. Put it in CAPS and surround
it in square brackets. Packets without this will not decode to your screen
properly.

A second valid format is this:
Callsign>GRIDSQ,QSL1-1:]G[
Example:
W2EV-2>FN03XD,QSL1-1:]G[

Where . . .
. . . "Callsign" is a variable and changes based on the licesee
. . . ">" is a constant, and is controlled by the AX.25 spec. You couldn't
change it if you wanted to.
. . . "GRIDSQ" (no brackets like first example) is your 6-character gridsquare
in CAPS
. . . ",QSL1-1" is optional (doesn't NEED to be present, but if it is, it must
look exactly as shown to be effective for QSLing. Even then, if it's wrong it
won't affect the ability to decode the packet by a receiving station.
. . . ":" is a constant, and is controlled by the AX.25 spec. You couldn't
change it if you wanted to.
. . . "]G[" is a trigger and an icon. The "]" tells APRS to look for the GRIDSQ
in the right place (in place of the CQ) and the "G[" tells the receiving station
to display an icon when received.

--
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study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

161. [propnet] Re: URGENT! Forgotten Parameter!

From: sonic <sonic@pcom.net>
Date: Thu, 18 Nov 1999 08:29:22 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50627-1999.11.18-07.43.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Please spread the word as quickly as possible. My very sincere
>apologies to those with 100% channel utilization because of that
>omission.

100%??? Ha! Most of the time mine showed 400% or better..I was wondering
what was wrong. I didn't log a single ping from any meteors, just saw the
two guys local to me and no Icons from them either. Oh well...

>
>Ev Tupis, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

162. [propnet] Got one!

From: Tate <KC7ZRU@cyberhighway.net>
Date: Thu, 18 Nov 1999 08:08:34 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50648-1999.11.18-09.22.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Following packet received here at 2137MST on 17NOV99 - it worked! Impressed
with the non MS packet getting here, musta been a nice burn. Passall was ON.

Callsign database says this call belongs to a fella in GREENFIELD, IA - grid
matches - Good Morning Larry!

N0BKB-1>APW*33,WIDE:N0BKB!4220.57N/09410.03W-PHG7490 EN21UI ON 147.585

So far that's it

Using a twin pair of 4 ele 'Arrow' beams about 20' above ground - aimed 80
degrees true.

73

--
                  KC7ZRU | In Laramie Area
                Laramie, WY | UARC Repeater
                  DN71eh | 146.610
  "The Dungeon" online at http://www.cyberhighway.net/~tateb

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

163. [propnet] Re: Locals

From: Richard Parry <rparry@qualcomm.com>
Date: Thu, 18 Nov 1999 07:48:17 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50652-1999.11.18-10.02.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ditto!

At 03:58 AM 11/18/99 -0800, you wrote:
>Well its 4 am local time and all I see on the map are locals. I will be

>interested in the results from others in the area. My first try and I am
>hooked!
>
>Don
>wb5eku

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

164. [propnet] Re: URGENT! Forgotten Parameter!

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Thu, 18 Nov 1999 9:54:30
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50653-1999.11.18-10.08.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OUCH! Too bad I read this here at work! I'll turn it on when I get home
and
keep running tonight. All I saw this morning were the 6 local guys I've
been seeing the last two days, and three new guys who came up last night.
I don't think Torrance to Yucaipa counts as MS, but still....not too
shabby
for packet!
73....Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

165. [propnet] No success receiving anyone here in San Diego

From: Richard Parry <rparry@qualcomm.com>
Date: Thu, 18 Nov 1999 08:21:14 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50663-1999.11.18-10.34.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No success receiving anyone here in San Diego last night, did anyone see me
W9IF-2. I am broadcasting north toward LA, San Francisco.

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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166. [propnet] W0RPK-6 off-the-air as of 18Nov 1915z

From: "Ralph Wallio, W0RPK" <wallio@crosspaths.net>
Date: Thu, 18 Nov 1999 13:42:50 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50684-1999.11.18-13.56.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My temporary 6m antenna installation did not withstand gale force "spring"
wind gusts from the south. Unfortunately I do not have time to make repairs
so I am off-the-air 23-hours early. No packets received other than from
N2QAE-12 as previously reported. No reports from others of receiving my
packets.

TNX es 73, Ralph Wallio, W0RPK

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

167. [propnet] Re: No success receiving anyone here in San Diego

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Thu, 18 Nov 1999 14:51:27
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50693-1999.11.18-15.05.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, Rich. Didn't get anything from you, and I haven't heard of anyone out
here having any luck. Maybe next (33?) year!
73.....Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

168. [propnet] WHOOOPEEE!!!! I GOT ONE!!!

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Thu, 18 Nov 1999 18:19:49
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50718-1999.11.18-18.33.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

YOWZIR! It didn't show up as an icon, but it's in the WinAPRS logs, and my
TNC MHeard!!!
N7HXP CN87rg Tacoma, WA

Same as callbook, so I guess it's real!
Just turned on FULLDup, and I'll run all night again.
I'm stoked!
73, Jim KQ6EA

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

169. [propnet] W1AW-2 Rcvd in SC

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Thu, 18 Nov 1999 20:45:48
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50740-1999.11.18-20.59.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received one packet from W1AW-2 at 00:08
local time (EST) using 10 ele beam on 147.585.
Was also running a second two meter APRS station,
receive only using a Diamond vertical. I had
hoped that if any signals came in from directions
wrong for the beam, just maybe I might see them
on that set up. Didn't work though.

Doug
kj4x@arrl.net
EM84PW

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

170. [propnet] Re: WHOOOPEEE!!!! I GOT ONE!!!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 18 Nov 1999 21:47:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50742-1999.11.18-21.03.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Congrats! Aint' it cool? :o)
-= Ev =-

Jim Jerzycke wrote:

> YOWZIR! It didn't show up as an icon, but it's in the WinAPRS logs, and my
> TNC MHeard!!!
> N7HXP CN87rg Tacoma, WA
>
> Same as callbook, so I guess it's real!
> Just turned on FULLDup, and I'll run all night again.
> I'm stoked!
> 73, Jim KQ6EA
>

> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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171. [propnet] 6Meters: AA2AC to W2AAA-6

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 18 Nov 1999 21:55:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50745-1999.11.18-21.10.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's an interesting one...
There's a PropNET HUB (a 7/24 HOPn-n enabled station) in Buffalo, NY
(about 50 miles away) that I've never seen before. Well, you guessed
it. We must have hit a common meteor trail with just the right
geometry. I see it on my 6-meter screen. According to the log...I got
a total of 2 packets from it at midnite last nite.

Very cool indeed.

Continuing through the morning on 147.585 & 53.530!

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

172. [propnet] Re: 6Meters: AA2AC to W2AAA-6

From: sonic <sonic@pcom.net>
Date: Thu, 18 Nov 1999 22:22:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50750-1999.11.18-21.36.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Whats the call?

At 21:55 11/18/1999 -0500, you wrote:
>Here's an interesting one...
>There's a PropNET HUB (a 7/24 HOPn-n enabled station) in Buffalo, NY
>(about 50 miles away) that I've never seen before. Well, you guessed
>it. We must have hit a common meteor trail with just the right
>geometry. I see it on my 6-meter screen. According to the log...I got
>a total of 2 packets from it at midnite last nite.
>
>Very cool indeed.
>
>Continuing through the morning on 147.585 & 53.530!
>
>Ev, W2EV
>--
>PropNET: an automated network, designed to
>study propagation anomolies.   Intreagued?
>http://www.RochesterNY.org/PropNET
>
>
>
>---
>You are currently subscribed to propnet as: sonic@pcom.net
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

173. [propnet] Re: WHOOOPEEE!!!! I GOT ONE!!!

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Thu, 18 Nov 1999 21:58:40
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50754-1999.11.18-22.12.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yeah, it's pretty neat, but I was hoping I'd be able to ping Jack up in the
Bay area.
I guess that's the way the meteors fall.
73...Jim

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

174. [propnet] KQ6EA-2 QRT

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Fri, 19 Nov 1999 7:10:13
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50826-1999.11.19-07.23.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks everybody for all the support and suggestions. Only received one
hit, and he was nice enough to email me back that he didn't receive me.
Too many locals on freq who were NOT part of the MS experiment (!?!).
See you all next shower/event!
73.....Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

175. [propnet] Imminent QSY

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 19 Nov 1999 07:06:41 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50827-1999.11.19-08.20.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'll be remaining on 147.585 until my lunch break today, when I'll QSY
back to 144.39.
        Nothing heard this time, KEEP THE FAITH!

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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176. [propnet] KF6UEF-6

From: tb1999 <tb1999@netzero.net>
Date: Fri, 19 Nov 1999 08:29:26 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50850-1999.11.19-10.43.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi everyone...

Well.... No hits this time around.....
Catch you'all on the next shower ;-) .

73,

Antonio ....   QSY back to 50.125/50.110

_____
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177. [propnet] A web review of the NX2Q effort

From: "Jeff Kelly" <jkelly@bellatlantic.net>
Date: Fri, 19 Nov 1999 16:05:30 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-50891-1999.11.19-15.19.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Our group had so much fun and learned so much
from the Leonids Meteor effort that we decided to
share our story. I have posted a page at:

http://users.garden.net/mach4media/meteor/meteor.html

that describes out efforts. It is a work in progress since
some of the photos and video are still coming in. We hope
others might share their stories.

There are a number of images on this page so expect a
good download.

Appreciate any comments or stories.

Thanks,

Jeff Kelly, KT2K
jkelly@bellatlantic.net

Al Tencza, NX2Q
ALTENCZA@aol.com

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

178. [propnet] Leonids Kids

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sat, 20 Nov 1999 09:55:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51019-1999.11.20-09.10.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Gang,
First an appology, then the excuse. :o)

Lots of folks have been waiting for replies to eMail they've sent
(mostly based on the Leonids Packet Experiment). I'm sorry for the
delay...

...the reason is that my twins that were due on Y2k day, decided to pop
early...as the Leonids faded away. Everyone is doing well, yes, they
are premature...but thanks to the miracles of modern medicine, they have
a fighting chance.

As one can imagine, I'll be less focused on amateur radio for a while.
I *will* reply to eMail as I have a chance...but those chances may be
fleeting.

Regards,
Ev Tupis, W2EV

P.S. --
Ethan Josef Tupis 11/19/1999 3lbs 9oz
Spencer Stephan Tupis 11/19/1999 3lbs 15oz

Melinda Tupis...the happy and worried mom
...our first harmonics after 17 years of marriage

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

179. [propnet] Re: Leonids Kids

From: "Charles L. Alfano" <calfano@worldnet.att.net>
Date: Sat, 20 Nov 1999 15:12:06 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51103-1999.11.20-14.25.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Best of luck..

Charlie

--
[Attachment: calfano.vcf; text/x-vcard; 208 bytes]
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,782 bytes]

180. [propnet] What is 147.585 Mhz normally used

From: Richard Parry <rparry@qualcomm.com>
Date: Sat, 20 Nov 1999 16:21:59 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51133-1999.11.20-18.35.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is 147.585 Mhz normally used for when it is not being used for MS.

Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

181. [propnet] Re: What is 147.585 Mhz normally used

From: Antonio <tb1999@netzero.net>
Date: Sat, 20 Nov 1999 17:10:10 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51136-1999.11.20-19.25.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Richard,

Over here in SF Bay Area.. I've heard some simplex on FM but that's about
it..

73,
Antonio, KF6UEF

Richard Parry wrote:

> What is 147.585 Mhz normally used for when it is not being used for MS.
>
> ---------------
> Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> ---------------
>
> ---
> You are currently subscribed to propnet as: tb1999@netzero.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

____
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182. [propnet] Re: What is 147.585 Mhz normally used

From: Tate <KC7ZRU@cyberhighway.net>
Date: Sat, 20 Nov 1999 18:59:11 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51142-1999.11.20-20.13.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
According to the ARRL Operating Manual - 5th Edition - Pg 2-38, 147.585Mhz
is listed a a Simplex Frequency.

The US Freq Allocation Chart in PDF format can be found at:
http://www.ntia.doc.gov/osmhome/allochrt.html - more FYI than anything

73

Antonio wrote:
>
> Hi Richard,
>
> Over here in SF Bay Area..  I've heard some simplex on FM but that's about
> it..
>
> 73,
> Antonio, KF6UEF
>
> Richard Parry wrote:
>
> > What is 147.585 Mhz normally used for when it is not being used for MS.
> >
> > ---------------
> > Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> > ---------------
> >
> > ---
> > You are currently subscribed to propnet as: tb1999@netzero.net
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
> _____________________________________________
> NetZero - Defenders of the Free World
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>
> ---
> You are currently subscribed to propnet as: kc7zru@cyberhighway.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
                  KC7ZRU      |   In Laramie Area
                Laramie, WY   |    UARC Repeater
                  DN71eh      |      146.610
  "The Dungeon" online at http://www.cyberhighway.net/~tateb
               Remove 73s from addy to send email

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

183. [propnet] Re: What is 147.585 Mhz normally used

From: Richard Parry <rparry@qualcomm.com>
Date: Sat, 20 Nov 1999 20:09:42 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51154-1999.11.20-22.23.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
Thanks,

At 06:59 PM 11/20/99 -0700, you wrote:
>According to the ARRL Operating Manual - 5th Edition - Pg 2-38, 147.585Mhz
>is listed a a Simplex Frequency.
>
>The US Freq Allocation Chart in PDF format can be found at:
>http://www.ntia.doc.gov/osmhome/allochrt.html - more FYI than anything
>
>73
>
>Antonio wrote:
> >
> > Hi Richard,
> >
```

> > Over here in SF Bay Area.. I've heard some simplex on FM but that's about
> > it..
> >
> > 73,
> > Antonio, KF6UEF
> >
> > Richard Parry wrote:
> >
> > > What is 147.585 Mhz normally used for when it is not being used for MS.
> > >
> > > ---------------
> > > Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
> > > ---------------
> > >
> > > ---
> > > You are currently subscribed to propnet as: tb1999@netzero.net
> > > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> > >
> > _____________________________________
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> >
> > ---
> > You are currently subscribed to propnet as: kc7zru@cyberhighway.net
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>--
>   KC7ZRU | In Laramie Area
>   Laramie, WY | UARC Repeater
>   DN71eh | 146.610
>   "The Dungeon" online at http://www.cyberhighway.net/~tateb
>   Remove 73s from addy to send email
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

----
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
----

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

184. [propnet] Re: What is 147.585 Mhz normally used

From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Sat, 20 Nov 1999 22:22:19
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51158-1999.11.20-22.36.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Regardlesss of what the Band Plan and the ARRL Repeater Guide say, there's
an un-coordinated repeater on 147.580 here in the L.A. area. I couldn't
find it listed anywhere, and I even sent two emails to TASMA asking them if
they knew anything about it. No reply. So much for our frequency
coordinators! So......I went ahead and ran the MS experiment.....along with
two other locals, all of us in a 20 mi radius.
73....Jim KQ6EA

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185. [propnet] Re: What is 147.585 Mhz normally used

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Sat, 20 Nov 1999 22:53:48
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51161-1999.11.20-23.07.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here in the Southeast, it is listed as
FM voice simplex in the freq coordination
guide. I hear what sounds to be a remote
base over in northern Ga.

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

186. [propnet] Re: What is 147.585 Mhz normally used

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 21 Nov 1999 10:20:50 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51234-1999.11.21-12.34.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, a few other folks also mentioned it is officially a simplex freq.
but a least one person in CA said there was a repeater on 147.58.

thanks,

At 10:53 PM 11/20/99 +0000, you wrote:
>Here in the Southeast, it is listed as
>FM voice simplex in the freq coordination
>guide. I hear what sounds to be a remote
>base over in northern Ga.
>
>---
>You are currently subscribed to propnet as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
Rich Parry, W9IF - Qualcomm, Inc. Globalstar User Terminal System Test
---

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187. [propnet] A...Singular...Leonid. Sigh.

From: "Eugene M. Harriman II" <n1eh@capecod.net>
Date: Wed, 24 Nov 1999 21:00:06 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-51794-1999.11.24-20.21.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Everyone!

If you're interested, the ONE picture of A Leonid Meteor we managed to
shoot during TWO HOURS on the C-C-C-COLD night of November 18, 1999 has
been published on a NASA web page! We're famous! YIPPEE! Please be sure
to check out the other pics sent in from around the world. Here's our pic...

http://leonids.hq.nasa.gov/leonids/gallery/files/136.html

73

Gene & Sammie

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188. [propnet] Hi, just joined

From: Tom Randall <trandall@idsi.net>
Date: Sun, 28 Nov 1999 16:05:58 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52203-1999.11.28-15.20.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,
   I just joined this sig. After reading the QST and CQ VHF articals I'd
like to try out meteor scatter with Win APRS. Sounds like fun. Is 145.585
still being used? I'll be sitting on that freq most of the time when
running, I'm not on 24 hours a day yet. I'm located in s.e. NY in
Poughkeepsie. Hope to learn alot from you folks.

73,
Tom - KB2SMS

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio - KB2SMS - ARRL / 10-10 / QRP-L #1965
Member: AAVSO Solar Division

My Astronomy/Ham radio site: http://www1.mhv.net/~trandall/welcome.html

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
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189. [propnet] Re: Hi, just joined

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 28 Nov 1999 16:31:39 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52206-1999.11.28-15.47.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Welcome, Tom,
You've just missed "the event", I'm afraid...the Leonids dropped in on
November 18th...and have since gone away 'till next year. There are two
"minor" events in December and January that we may try again, though. The
big 'uns are the August Perseids and the November Leonids.

Don't let that discourage you, though...keep learning about APRS software and
stay tuned to the listserve. I'll suspect that there will be more and more
activity on 6-meters (53.530-MHz) as the sunspots continue to enhance things
there.

-= Ev, W2EV =-

Tom Randall wrote:

> Hello,
> I just joined this sig. After reading the QST and CQ VHF articals I'd
> like to try out meteor scatter with Win APRS. Sounds like fun. Is 145.585
> still being used? I'll be sitting on that freq most of the time when
> running, I'm not on 24 hours a day yet. I'm located in s.e. NY in
> Poughkeepsie. Hope to learn alot from you folks.
>
> 73,
> Tom - KB2SMS
>
> Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
> Amateur Radio - KB2SMS - ARRL / 10-10 / QRP-L #1965
> Member: AAVSO Solar Division
>
> My Astronomy/Ham radio site: http://www1.mhv.net/~trandall/welcome.html
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

190. [propnet] Re: Hi, just joined

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 28 Nov 1999 15:43:56 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52210-1999.11.28-17.21.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:05 PM 11/28/1999 -0500, Tom Randall wrote:
> Hello,
>   I just joined this sig. After reading the QST and CQ VHF articals I'd
>like to try out meteor scatter with Win APRS. Sounds like fun. Is
>145.585 still being used?

        No, it's 147.585. But most of the meteors have already fallen, with just
a couple of very minor events in the next few months.

        7 3

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

191. [propnet] THE LEONID METEOR SHOWER

From: sonic <sonic@pcom.net>
Date: Sun, 28 Nov 1999 19:23:39 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52221-1999.11.28-18.37.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought fellow APRS/MS/Prop-Netters would enjoy this bit I lifted from
SPA Electronic News Bulletin - http://www.u-net.com/ph/spa

Nov 28 1999

THE LEONID METEOR SHOWER

Preliminary results from observations of this year's Leonid meteor storm
indicate that the prediction of a strong shower peaking at around 2.08
a.m. UT on November 18th were spot on - even to the extent that faint
meteors would dominate compared with the exceptional fireball display last
year. This is the first time that astronomers have succeeded in making
such an accurate prediction of a meteor storm.
Observations seem to show that the rate was higher than 20 per minute
Attention will now be focused on their prognostications for the next three
years. Next year (2000), they predict, will be 'the calm before the
storm': Earth will pass through the centre of the broad meteoroid stream
without passing directly through any of the dense, recently ejected dust
trails. Next year' Earth will pass, for the first time ever, through the
outskirts of the dust trail deposited when Comet Tempel-Tuttle made its
appearance in 1866. This trail could prove to be denser than expected.
The showers in 2001 and 2002 are expected to be dominated by close
encounters of the Earth with this 1866 trail. Predictions based on their
present model lead to zenithal hourly rates well in excess of 10,000
meteors per hour.

THE LEONID METEOR SHOWER (2)
Report by Neil Bone

Yes the Leonid storm did occur on November 17-18, peaking almost exactly
as predicted by professional astronomers David Asher of Armagh Observatory
and Rob McNaught (a former JAS - now SPA - Meteor Section Director) from
Siding Spring Observatory in Australia at about 02:05 UT.
The estimated zenithal hourly rate (EZHR) was probably about 5000-6000.
Rob himself reports seeing 73 Leonid meteors in a single minute at 02:04
UT from the clear skies of Jordan! There are numerous reports of people
across mainland Europe, North Africa and the Near East recording more than
30-40 Leonids a minute during the shower's very best near 02h UT.
        First investigations by the International Meteor Organisation's analysts
have shown the main peak was preceded by a lesser one with EZHRs of about
3500 around 01:50 UT, with rates dipping to under 3000 before the surge at
the highest maximum itself. Rates fell quickly afterwards. ZHRs were no
better than 50-60 by 05h UT on November 18, and remained at that level for
some hours in early data from the Americas. A further rise to ZHRs of
about 100 was then recorded over the Far East between 14-20h UT on
November 18-19, falling away again afterwards.
        If you managed to spot some Leonids this year, whether during the storm
or not, please send your data as soon as possible to the SPA Meteor
Section for correlation with other reports. Remember - even sightings of
hidden meteor flashes in an overcast sky have their uses, so don't be put
off!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

192. [propnet] N2QAE-12 Location?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 28 Nov 1999 20:43:08 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52227-1999.11.28-19.58.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone have a grid square for N2QAE-12?
-= Ev, W2EV =-
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

193. [propnet] Leonids: Active even if not successful?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 28 Nov 1999 20:47:41 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52228-1999.11.28-20.03.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you participated, please register on:
http://home.pacbell.net/friday2k/Leonids.html

Having this data is extremely useful in doing a full analysis. Watch
this listserve for a recap of Leonids '99. To date...there are 14
reported success to document and plenty of changes to propose before the
next experiment.

A warm thanks to Jack Lewalski for the registration website!

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

194. [propnet] Shortest available eMail domain?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 28 Nov 1999 20:55:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52229-1999.11.28-20.11.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

More than one Leonid experimenter suggested that we include our eMail
addresses as part of our transmission next time...as long as it can be
kept short. At least one participant didn't receive any "heard" reports
until he added it...then got several right away.

So...here's the rub: If we were to suggest everyone "register" a short
eMail account somewhere (for the sake of keeping the packet transmission
short) ... what free service provider would be able to provide the
shortest one?

w2ev@netscape.net
w2ev@hotmail.com
w2ev@amsat.org
w2ev@arrl.org
w2ev@juno.com
w2ev@???.com
w2ev@??.com
w2ev@?.com

Any thoughts?
Ev, W2EV
--
PropNET: an automated network, designed to

study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

195. [propnet] Re: Shortest available eMail domain?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 28 Nov 1999 19:02:51 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52230-1999.11.28-20.16.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/enriched

At 08:55 PM 11/28/1999 -0500, Ev Tupis (W2EV) sent:

>>>>

<excerpt><<snip>

So...here's the rub: If we were to suggest everyone "register" a short
eMail account somewhere (for the sake of keeping the packet transmission
short) ... what free service provider would be able to provide the
shortest one?

w2ev@netscape.net

w2ev@hotmail.com

w2ev@amsat.org

w2ev@arrl.org

w2ev@juno.com

w2ev@???.com

w2ev@??.com

w2ev@?.com

Any thoughts?

</excerpt><<snip>

<<<<<<<<

        I'd suggest amsat.org, even though it isn't the shortest. Why? Because
everybody likely to hear a packet will be able to guess and get it right.
 How many of us would know mpno could be juno?

        7 3

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG

Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

196. [propnet] Re: N2QAE-12 Location?

From: "Larry D. Clark" <buddycl@swbell.net>
Date: Sun, 28 Nov 1999 20:18:18 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52232-1999.11.28-20.32.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Ev Tupis (W2EV)"
Callsign:
                        N2QAE   Class: Technician   Codes: HAI   USA

```
                        Name:    ARTHUR J. MARTIN
                        Addr1:   4 WILLOW DR
                        Addr2:   LONG VALLEY, NJ 07853
                      Country:   USA
                        Issued:   24 Mar 1992   Expires: 24 Mar 2002


                   Coordinates:   40° 47' 40'' N,    74° 47' 8'' W
                       County:       Morris County
                         Grid:         FN20ot

larry
kd5foy
em12



---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

197. [propnet] Re: Shortest available eMail domain?

From: sonic <sonic@pcom.net>
Date: Sun, 28 Nov 1999 23:17:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52245-1999.11.28-22.31.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/enriched

Add yourcall@qsl.net and yourcall@usa.net theyre pretty short. Both offer
free email.

At 20:55 11/28/1999 -0500, you wrote:

>>>>

<excerpt>More than one Leonid experimenter suggested that we include our
eMail addresses as part of our transmission next time...as long as it can
be kept short. At least one participant didn't receive any "heard"
reports until he added it...then got several right away.

So...here's the rub: If we were to suggest everyone "register" a short
eMail account somewhere (for the sake of keeping the packet transmission
short) ... what free service provider would be able to provide the
shortest one?

w2ev@netscape.net

w2ev@hotmail.com

w2ev@amsat.org

w2ev@arrl.org

w2ev@juno.com

w2ev@???.com

w2ev@??.com

w2ev@?.com

Any thoughts?

Ev, W2EV

--

PropNET: an automated network, designed to

study propagation anomolies.   Intreagued?

<<http://www.RochesterNY.org/PropNET>http://www.RochesterNY.org/PropNET

</excerpt><<<<<<<<

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

198. [propnet] Re: Shortest available eMail domain?

From: Tate <KC7ZRU@cyberhighway.net>
Date: Mon, 29 Nov 1999 03:52:33 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52289-1999.11.29-05.06.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How 'bout just agreeing to use CALL@xxx.xxx.

Have to receive the call for valid QSO anyway - as long as we can
'standardize', say on AMSAT.ORG or ARRL.NET (makes no diff, just as long as
it's standardized) - no need to even add anything to the packet.

>
> what free service provider would be able to provide the shortest one?

--
                  KC7ZRU | In Laramie Area
                Laramie, WY | UARC Repeater
                  DN71eh | 146.610
  "The Dungeon" online at http://www.cyberhighway.net/~tateb

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

199. [propnet] Re: Shortest available eMail domain?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 29 Nov 1999 06:09:09 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52297-1999.11.29-05.24.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Excellent idea, Tate. I'm going to run with it for my Leonids followup.

Of course, knowing that some folks will add it anyway...my thought was to find
the shortest one to standardize on anyway. I've since heard that QSL.NET
offers free eMail, meaning a format of CALL@QSL.NET is the shortest I've heard
of so far.

Does anyone know of any 1- or 2-character free eMail domains?

-= Ev, W2EV =-

Tate wrote:

> How 'bout just agreeing to use CALL@xxx.xxx.
>
> Have to receive the call for valid QSO anyway - as long as we can
> 'standardize', say on AMSAT.ORG or ARRL.NET (makes no diff, just as long as
> it's standardized) - no need to even add anything to the packet.
>
> >
> > what free service provider would be able to provide the shortest one?
> >
> > --
> >   KC7ZRU | In Laramie Area
> >   Laramie, WY | UARC Repeater
> >   DN71eh | 146.610
> >   "The Dungeon" online at http://www.cyberhighway.net/~tateb
> >
> > ---
> > You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to

study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

200. [propnet] Re: N2QAE-12 Location?

From: "Jeff/kb2wqm" <kb2wqm@cyberenet.net>
Date: Mon, 29 Nov 1999 07:29:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52305-1999.11.29-06.44.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes but notice the -12, not a call for an APRS home station . Actually a
-12 in the APRS Icon list, is a Jeep! I travel at work, and when I do I run
APRS from my hotel room, using a hotel icon and a -2.   I sent an email to
Art to see where that was exactly. Elevation, grid etc.

73 Jeff kb2wqm

----- Original Message -----
From: "Larry D. Clark" <buddycl@swbell.net>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Sunday, November 28, 1999 9:18 PM
Subject: [propnet] Re: N2QAE-12 Location?

"Ev Tupis (W2EV)"
Callsign:
                        N2QAE   Class: Technician   Codes: HAI   USA
                        Name: ARTHUR J. MARTIN
                        Addr1:   4 WILLOW DR
                        Addr2:   LONG VALLEY, NJ 07853
                       Country: USA
                        Issued: 24 Mar 1992   Expires: 24 Mar 2002

                  Coordinates: 40° 47' 40'' N,   74° 47' 8'' W
                      County: Morris County
                        Grid: FN20ot

larry
kd5foy
em12

You are currently subscribed to propnet as: kb2wqm@amsat.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

201. [propnet] Re: Hi, just joined

From: Tom Randall <trandall@idsi.net>
Date: Mon, 29 Nov 1999 17:42:21 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52370-1999.11.29-16.56.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl wrote:

"No, it's 147.585. But most of the meteors have already fallen, with just
a couple of very minor events in the next few months."

  Thanks for the correction. So, do you folks only work the major meteor
showers? There are lots of minor ones that could be interesting as well.
Gary Kronk's book "Meteor showers a descriptive catalog" (ISBN:
0-89490-072-2) lists a truck load. I'm not hooked up to 6m yet with the TNC

but monitor it now for bursts, I heard a quick packet burst yesterday there.

Oh, I get the digest version of this list so if I don't respond right away
you know why.

73,
Tom

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio - KB2SMS - ARRL / 10-10 / QRP-L #1965
Member: AAVSO Solar Division

My Astronomy/Ham radio site: http://www1.mhv.net/~trandall/welcome.html

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

202. [propnet] Re: Shortest available eMail domain?

From: Rich McAllister K6RFM <rfm@pensfa.org>
Date: 29 Nov 1999 15:02:04 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52372-1999.11.29-17.16.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Ev Tupis (W2EV)" <propnet@greeceny.com> writes:

> Does anyone know of any 1- or 2-character free eMail domains?
>

Shortest one that I've heard of is go.to, but I've never
used them.

Rich

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

203. [propnet] Re: propnet digest: November 28, 1999

From: "Daniel \(Internet Account\) Lavoie" <Lavoied@istar.ca>
Date: Mon, 29 Nov 1999 23:08:28 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: <propnet@greeceny.com>
Message-ID: <LYR1548-52395-1999.11.29-22.21.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,

I like the RAC.CA redirector (VE3DCL@RAC.CA) where RAC.CA is the Radio
Amateur of Canada web server.

Daniel

> Subject: Shortest available eMail domain?
> From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> Date: Sun, 28 Nov 1999 20:55:47 -0500
> X-Message-Number: 7
>
>
> --------------025BEDA62A793D0E2456415E
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
>
> More than one Leonid experimenter suggested that we include our eMail
> addresses as part of our transmission next time...as long as it can be
> kept short. At least one participant didn't receive any "heard" reports
> until he added it...then got several right away.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

204. [propnet] Re: Hi, just joined

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 29 Nov 1999 21:27:45 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52396-1999.11.29-22.57.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:42 PM 11/29/1999 -0500, Tom Randall sent:
>Earl wrote:
>
>"No, it's 147.585. But most of the meteors have already fallen, with just
>a couple of very minor events in the next few months."
>
> Thanks for the correction. So, do you folks only work the major meteor
>showers? There are lots of minor ones that could be interesting as well.

        Actually, I usually work just the major ones.
        Why? Because I use the same station over on 144.39 to see "regular" traffic.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

205. [propnet] Re: Fw: N2QAE-12 Location?

From: Art <amartin@interactive.net>
Date: Tue, 30 Nov 1999 00:07:40 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52399-1999.11.29-23.20.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, folks... Working on a backup computer (the main box had a bad case
of HD head banging... <sigh> so I fell behind in retrieving messages.
Sorry.

So that folks understand what the story with N2QAE-12 'really' is... I
offer these comments:

N2QAE-12 is/was a X1J4 node on 6M installed for packet forwarding. Since
it was installed, the promised links never appeared so business got a
little slow (!)

When Ev put forth the idea about Prop Net, I thought I would be able to
get some use out of the rig and put in a MS beacon (sadly, it is limited
to a 10 minute beacon period, minimum) so if anyone saw the beacon from
FN20LR they were probably not seeing it from meteor burn.

The location is 40 deg 44 min 42 sec North/075 deg 03 min 54 sec West,
or FN20lr, just ENE from Phillipsburg, NJ about 5 miles as the crow
goes.

Base of electric pole is about 1000' AMSL, approx 620' HAAT with 50
Watts into a Ringo omni with 3 dB gain mounted 40' up on the pole.

The plateau at the top of the mountain (N of the antenna) probably
"shades" a sector about 90 deg wide (NE to NW) into New York State. The
peak is measured on the topo as 1096'.

I hope this answers any questions folks may have about N2QAE-12. Since I
only get to the site just twice a year, changes to the setup are few and
far between except for what can be changed in a X1J4 EPROM remotely.

Suggestions are always welcome.

Sorry this took so long, but I have other problems that prevented email
from being received for a few days... just lost my SCSI drive (3rd in 3
years) <sigh>

Stay well, 73 de Art...
--

Jeff/kb2wqm wrote:
>
> Art good morning. someone is looking for you, I thought you might be
> interested. This is from propnet.
>
> 73 Jeff kb2wqm
>
> ----- Original Message -----
> From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> Sent: Sunday, November 28, 1999 8:43 PM
> Subject: [propnet] N2QAE-12 Location?
>
> > Anyone have a grid square for N2QAE-12?
> > -= Ev, W2EV =-
> > --
> > PropNET: an automated network, designed to
> > study propagation anomolies.   Intreagued?
> > http://www.RochesterNY.org/PropNET
> >
> >
> >
> > ---
> > You are currently subscribed to propnet as: kb2wqm@amsat.org
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

206. [propnet] Fw: Re: Fw: N2QAE-12 Location?

From: "Jeff/kb2wqm" <kb2wqm@cyberenet.net>
Date: Tue, 30 Nov 1999 06:28:45 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52428-1999.11.30-05.42.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Art" <amartin@interactive.net>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Tuesday, November 30, 1999 12:07 AM
Subject: [propnet] Re: Fw: N2QAE-12 Location?

> OK, folks... Working on a backup computer (the main box had a bad case
> of HD head banging... <sigh> so I fell behind in retrieving messages.
> Sorry.
>
> So that folks understand what the story with N2QAE-12 'really' is... I
> offer these comments:
>
> N2QAE-12 is/was a X1J4 node on 6M installed for packet forwarding. Since
> it was installed, the promised links never appeared so business got a
> little slow (!)
>
> When Ev put forth the idea about Prop Net, I thought I would be able to
> get some use out of the rig and put in a MS beacon (sadly, it is limited
> to a 10 minute beacon period, minimum) so if anyone saw the beacon from
> FN20LR they were probably not seeing it from meteor burn.
>
> The location is 40 deg 44 min 42 sec North/075 deg 03 min 54 sec West,
> or FN20lr, just ENE from Phillipsburg, NJ about 5 miles as the crow
> goes.
>
> Base of electric pole is about 1000' AMSL, approx 620' HAAT with 50
> Watts into a Ringo omni with 3 dB gain mounted 40' up on the pole.
>
> The plateau at the top of the mountain (N of the antenna) probably
> "shades" a sector about 90 deg wide (NE to NW) into New York State. The
> peak is measured on the topo as 1096'.
>
> I hope this answers any questions folks may have about N2QAE-12. Since I
> only get to the site just twice a year, changes to the setup are few and
> far between except for what can be changed in a X1J4 EPROM remotely.
>
> Suggestions are always welcome.
>

> Sorry this took so long, but I have other problems that prevented email
> from being received for a few days... just lost my SCSI drive (3rd in 3
> years) <sigh>
>
> Stay well, 73 de Art...
> --
> Jeff/kb2wqm wrote:
> >
> > Art good morning. someone is looking for you, I thought you might be
> > interested. This is from propnet.
> >
> > 73 Jeff kb2wqm
> >
> > ----- Original Message -----
> > From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> > To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> > Sent: Sunday, November 28, 1999 8:43 PM
> > Subject: [propnet] N2QAE-12 Location?
> >
> > > Anyone have a grid square for N2QAE-12?
> > > -= Ev, W2EV =-
> > > --
> > > PropNET: an automated network, designed to
> > > study propagation anomolies.   Intreagued?
> > > http://www.RochesterNY.org/PropNET
> > >
> > >
> > >
> > > ---
> > > You are currently subscribed to propnet as: kb2wqm@amsat.org
> > > To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
> > >
> > >
>
> ---
> You are currently subscribed to propnet as: kb2wqm@amsat.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

207. [propnet] Leonids 99 Recap v0.1

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 30 Nov 1999 23:35:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52561-1999.11.30-22.55.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the information that I've compiled, based on postings to
listserves and eMails direct to me. 6-meter participants were on
53.530-MHz and 2-meter folks were on 147.585-MHz.

Please provide fills wherever you can. I've found that many folks are
communicating direct with the stations they hear, rather than letting us
all know of their success. Let us all know where you've been
successful, would you?

Initial reports show that the Leonids were more successful than the
Perseids for the second year in a row. Hmmmm.

So far, the most-often heard station is N8DEU at 4 receipts, followed by
N7HXP at 2 receipts. W3MR and KC5ILO have the best RX rates so far as
well. Interesting that WA1LOU and KC8CSD heard each other on the same
burn...appearantly being the first stations to do so in my memory.

Please, send me your updates!

-= Ev, W2EV =-
p.s. -- the preemie twins and mom are doing well. thanks for all the
well wishes to date!

Band Date Time Station Grid   HeardBy Grid
---- ---- ---- ------- ------ ------- ------
2   1115 0505 WA1LOU FN31mo KC8CSD EN81nm

```
2    1115 0505 KC8CSD  EN81nm WA1LOU  FN31mo
6    1116 1200 N2QAE   FN20lr W0RPK   EN31fk
6    1117 2005 AA2AC   FN02   W2AAA   FN03xd
6    1117 0731 W3GYK   EM85vf W3MR    FM18qx
2    1117 1414 AC9R    EM66   W3MR    FM18qx
2    1118      N7HXP   CN87rg KQ6EA
2    1118      W1AW    FN31pq KJ4X    EM84pw
2    1118      N7HXP   CN87rg WA6YLB  DM86kg
2    1118 0248 N8DEU           KC5ILO  EM23lo
2    1118 0536 N8DEU           N0BKB   EN21ui
2    1118 0630 N8DEU           KE0VN   EN16ow
2    1118 0642 N8DEU           KC5ILO  EM23lo
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET
```

December 1999

Original source file: propnet.9912
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.9912

1. [propnet] RE: Leonids 99 Recap v0.1

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Wed, 1 Dec 1999 07:27:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52614-1999.12.01-07.41.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Ev,

I must have hit the wrong key the other day. My grid is FN31mp, not FN31mo.

73,

Stan, WA1LOU

-----Original Message-----
From: Ev Tupis (W2EV) [mailto:propnet@greeceny.com]
Sent: Tuesday, November 30, 1999 11:36 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Leonids 99 Recap v0.1

Here is the information that I've compiled, based on postings to listserves and eMails direct to me.
6-meter participants were on 53.530-MHz and 2-meter folks were on 147.585-MHz.

Please provide fills wherever you can. I've found that many folks are communicating direct with the
stations they hear, rather than letting us all know of their success. Let us all know where you've been
successful, would you?

Initial reports show that the Leonids were more successful than the Perseids for the second year in a
row. Hmmmm.

So far, the most-often heard station is N8DEU at 4 receipts, followed by N7HXP at 2 receipts. W3MR and
KC5ILO have the best RX rates so far as well. Interesting that WA1LOU and KC8CSD heard each other on
the same burn...appearantly being the first stations to do so in my memory.

Please, send me your updates!

-= Ev, W2EV =-
p.s. -- the preemie twins and mom are doing well. thanks for all the well wishes to date!

Band	Date	Time	Station	Grid	HeardBy	Grid
2	1115	0505	WA1LOU	FN31mo	KC8CSD	EN81nm
2	1115	0505	KC8CSD	EN81nm	WA1LOU	FN31mo
6	1116	1200	N2QAE	FN20lr	W0RPK	EN31fk
6	1117	2005	AA2AC	FN02	W2AAA	FN03xd
6	1117	0731	W3GYK	EM85vf	W3MR	FM18qx
2	1117	1414	AC9R	EM66	W3MR	FM18qx
2	1118		N7HXP	CN87rg	KQ6EA	
2	1118		W1AW	FN31pq	KJ4X	EM84pw
2	1118		N7HXP	CN87rg	WA6YLB	DM86kg
2	1118	0248	N8DEU		KC5ILO	EM23lo
2	1118	0536	N8DEU		N0BKB	EN21ui
2	1118	0630	N8DEU		KE0VN	EN16ow
2	1118	0642	N8DEU		KC5ILO	EM23lo

--
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] RE: Leonids 99 Recap v0.1

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 01 Dec 1999 08:58:23 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52617-1999.12.01-08.14.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Stan,
Thanks. I'll make the correction. BTW...KC8CSD tells me you were RX only and that you and he both reported only that you received him. Is that true? I may have misinterpreted and listed a full two-way. -= Ev =-

"Horzepa, Stan" wrote:

> Hello Ev,
>
> I must have hit the wrong key the other day. My grid is FN31mp, not FN31mo.
>
> 73,
>
> Stan, WA1LOU
>
> -----Original Message-----
> From: Ev Tupis (W2EV) [mailto:propnet@greeceny.com]
> Sent: Tuesday, November 30, 1999 11:36 PM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Leonids 99 Recap v0.1
>
> Here is the information that I've compiled, based on postings to listserves and eMails direct to me. 6-meter participants were on 53.530-MHz and 2-meter folks were on 147.585-MHz.
>
> Please provide fills wherever you can. I've found that many folks are communicating direct with the stations they hear, rather than letting us all know of their success. Let us all know where you've been successful, would you?
>
> Initial reports show that the Leonids were more successful than the Perseids for the second year in a row. Hmmmm.
>
> So far, the most-often heard station is N8DEU at 4 receipts, followed by N7HXP at 2 receipts. W3MR and KC5ILO have the best RX rates so far as well. Interesting that WA1LOU and KC8CSD heard each other on the same burn...appearantly being the first stations to do so in my memory.
>
> Please, send me your updates!
>
> -= Ev, W2EV =-
> p.s. -- the preemie twins and mom are doing well. thanks for all the well wishes to date!
>
> Band Date Time Station Grid HeardBy Grid
> ---- ---- ---- ------- ------ ------- ------
> 2 1115 0505 WA1LOU FN31mo KC8CSD EN81nm
> 2 1115 0505 KC8CSD EN81nm WA1LOU FN31mo
> 6 1116 1200 N2QAE FN20lr W0RPK EN31fk
> 6 1117 2005 AA2AC FN02 W2AAA FN03xd
> 6 1117 0731 W3GYK EM85vf W3MR FM18qx
> 2 1117 1414 AC9R EM66 W3MR FM18qx
> 2 1118 N7HXP CN87rg KQ6EA
> 2 1118 W1AW FN31pq KJ4X EM84pw
> 2 1118 N7HXP CN87rg WA6YLB DM86kg
> 2 1118 0248 N8DEU KC5ILO EM23lo
> 2 1118 0536 N8DEU N0BKB EN21ui
> 2 1118 0630 N8DEU KE0VN EN16ow
> 2 1118 0642 N8DEU KC5ILO EM23lo
> --
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> study propagation anomolies. Intreagued?
> http://www.RochesterNY.org/PropNET <http://www.RochesterNY.org/PropNET>
>
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

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PropNET: an automated network, designed to
study propagation anomolies. Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] RE: Leonids 99 Recap v0.1

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Wed, 1 Dec 1999 08:07:06 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52619-1999.12.01-08.21.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Ev,

That's what I thought until I read your recap. I was ready to break out the champagne and celebrate an extraordinary feat, but I guess not! I guess I'll save the champagne for the new millenium (January 1, 2001).

73,

Stan, WA1LOU

-----Original Message-----
From: Ev Tupis (W2EV) [mailto:propnet@greeceny.com]
Sent: Wednesday, December 01, 1999 8:58 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] RE: Leonids 99 Recap v0.1

Hi Stan,
Thanks. I'll make the correction. BTW...KC8CSD tells me you were RX only and that you and he both reported only that you received him. Is that true? I may have misinterpreted and listed a full two-way. -= Ev =-

"Horzepa, Stan" wrote:

> Hello Ev,
>
> I must have hit the wrong key the other day. My grid is FN31mp, not FN31mo.
>
> 73,
>
> Stan, WA1LOU
>
> -----Original Message-----
> From: Ev Tupis (W2EV) [mailto:propnet@greeceny.com]
> Sent: Tuesday, November 30, 1999 11:36 PM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Leonids 99 Recap v0.1
>
> Here is the information that I've compiled, based on postings to listserves and eMails direct to me. 6-meter participants were on 53.530-MHz and 2-meter folks were on 147.585-MHz.
>
> Please provide fills wherever you can. I've found that many folks are communicating direct with the stations they hear, rather than letting us all know of their success. Let us all know where you've been successful, would you?
>
> Initial reports show that the Leonids were more successful than the Perseids for the second year in a row. Hmmmm.
>
> So far, the most-often heard station is N8DEU at 4 receipts, followed by N7HXP at 2 receipts. W3MR and KC5ILO have the best RX rates so far as well. Interesting that WA1LOU and KC8CSD heard each other on the same burn...appearantly being the first stations to do so in my memory.
>
> Please, send me your updates!
>
> -= Ev, W2EV =-
> p.s. -- the preemie twins and mom are doing well. thanks for all the well wishes to date!
>
> Band Date Time Station Grid HeardBy Grid
> ---- ---- ---- ------- ------ ------- ------
> 2 1115 0505 WA1LOU FN31mo KC8CSD EN81nm
> 2 1115 0505 KC8CSD EN81nm WA1LOU FN31mo
> 6 1116 1200 N2QAE FN20lr W0RPK EN31fk
> 6 1117 2005 AA2AC FN02 W2AAA FN03xd
> 6 1117 0731 W3GYK EM85vf W3MR FM18qx
> 2 1117 1414 AC9R EM66 W3MR FM18qx
> 2 1118 N7HXP CN87rg KQ6EA

```
> 2    1118      W1AW    FN31pq KJ4X    EM84pw
> 2    1118      N7HXP   CN87rg WA6YLB  DM86kg
> 2    1118 0248 N8DEU           KC5ILO  EM23lo
> 2    1118 0536 N8DEU           N0BKB   EN21ui
> 2    1118 0630 N8DEU           KE0VN   EN16ow
> 2    1118 0642 N8DEU           KC5ILO  EM23lo
> --
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> http://www.RochesterNY.org/PropNET <http://www.RochesterNY.org/PropNET>
>
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
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study propagation anomolies.   Intreagued?
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---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

4. [propnet] Re: Leonids 99 Recap v0.1

From: Tate <KC7ZRU@cyberhighway.net>
Date: Wed, 01 Dec 1999 09:04:43 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52696-1999.12.01-10.19.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
Hey Ev,

You missed one I sent to PropNet: Received this packet here in Laramie. My
grid is DN71eh.

N0BKB-1>APW*33,WIDE:N0BKB!4220.57N/09410.03W-PHG7490  EN21UI  ON 147.585

Man! I can't find the original message

My text file of the packet is dated 18NOV at 7:50am - that means I'd have
heard it on the night of the 17th, morning of the 18th - I seem to remember a
time of around 2100hrs MST - but can't confirm that.

I KNOW I sent the to propnet with all the info, someone forwarded it over to
APRS SIG - and I can't find either of 'em.

73

"Ev Tupis (W2EV)" wrote:
>
>
> Please provide fills wherever you can.


> Please, send me your updates!
>
> -= Ev, W2EV =-
> p.s. -- the preemie twins and mom are doing well.  thanks for all the well
> wishes to date!
>

Way good to hear!

> Band Date Time Station Grid   HeardBy Grid
> ---- ---- ---- ------- ------ ------- ------
> 2    1115 0505 WA1LOU  FN31mo KC8CSD  EN81nm
> 2    1115 0505 KC8CSD  EN81nm WA1LOU  FN31mo
> 6    1116 1200 N2QAE   FN20lr W0RPK   EN31fk
> 6    1117 2005 AA2AC   FN02   W2AAA   FN03xd
> 6    1117 0731 W3GYK   EM85vf W3MR    FM18qx
> 2    1117 1414 AC9R    EM66   W3MR    FM18qx
```

```
> 2    1118      N7HXP   CN87rg KQ6EA
> 2    1118      W1AW    FN31pq KJ4X    EM84pw
> 2    1118      N7HXP   CN87rg WA6YLB  DM86kg
> 2    1118 0248 N8DEU           KC5ILO  EM23lo
> 2    1118 0536 N8DEU           N0BKB   EN21ui
> 2    1118 0630 N8DEU           KE0VN   EN16ow
> 2    1118 0642 N8DEU           KC5ILO  EM23lo
>

--
                  KC7ZRU      |   In Laramie Area
                Laramie, WY   |    UARC Repeater
                  DN71eh      |      146.610
  "The Dungeon" online at http://www.cyberhighway.net/~tateb

---
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```

5. [propnet] Re: Leonids 99 Recap v0.1

From: "Ralph Wallio, W0RPK" <wallio@crosspaths.net>
Date: Wed, 1 Dec 1999 10:27:16 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52697-1999.12.01-10.42.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is the original message from KC7ZRU (de W0RPK):

```
Following packet received here at 2137MST on 17NOV99 - it worked! Impressed
with the non MS packet getting here, musta been a nice burn. Passall was ON.

Callsign database says this call belongs to a fella in GREENFIELD, IA - grid
matches - Good Morning Larry!

N0BKB-1>APW*33,WIDE:N0BKB!4220.57N/09410.03W-PHG7490  EN21UI  ON 147.585

So far that's it

Using a twin pair of 4 ele 'Arrow' beams about 20' above ground - aimed 80
degrees true.

73

--
                  KC7ZRU      |   In Laramie Area
                Laramie, WY   |    UARC Repeater
                  DN71eh      |      146.610
  "The Dungeon" online at http://www.cyberhighway.net/~tateb

---
You are currently subscribed to propnet as: wallio@crosspaths.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
----- Original Message -----
From: Tate <KC7ZRU@cyberhighway.net>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Wednesday, December 01, 1999 10:04 AM
Subject: [propnet] Re: Leonids 99 Recap v0.1


> Hey Ev,
>
> You missed one I sent to PropNet: Received this packet here in Laramie. My
> grid is DN71eh.
>
> N0BKB-1>APW*33,WIDE:N0BKB!4220.57N/09410.03W-PHG7490  EN21UI  ON 147.585
>
> Man! I can't find the original message
>
> My text file of the packet is dated 18NOV at 7:50am - that means I'd have
> heard it on the night of the 17th, morning of the 18th - I seem to
remember a
> time of around 2100hrs MST - but can't confirm that.
>
> I KNOW I sent the to propnet with all the info, someone forwarded it over
to
> APRS SIG - and I can't find either of 'em.
>
> 73
```

>
> "Ev Tupis (W2EV)" wrote:
> >
> >
> > Please provide fills wherever you can.
>
>
> > Please, send me your updates!
> >
> > -= Ev, W2EV =-
> > p.s. -- the preemie twins and mom are doing well. thanks for all the
well
> > wishes to date!
> >
>
> Way good to hear!
>
> > Band Date Time Station Grid   HeardBy Grid
> > ---- ---- ---- ------- ------ ------- ------
> > 2   1115 0505 WA1LOU FN31mo KC8CSD EN81nm
> > 2   1115 0505 KC8CSD EN81nm WA1LOU FN31mo
> > 6   1116 1200 N2QAE   FN20lr W0RPK   EN31fk
> > 6   1117 2005 AA2AC   FN02   W2AAA   FN03xd
> > 6   1117 0731 W3GYK   EM85vf W3MR   FM18qx
> > 2   1117 1414 AC9R   EM66   W3MR   FM18qx
> > 2   1118   N7HXP   CN87rg KQ6EA
> > 2   1118   W1AW   FN31pq KJ4X   EM84pw
> > 2   1118   N7HXP   CN87rg WA6YLB DM86kg
> > 2   1118 0248 N8DEU   KC5ILO EM23lo
> > 2   1118 0536 N8DEU   N0BKB   EN21ui
> > 2   1118 0630 N8DEU   KE0VN   EN16ow
> > 2   1118 0642 N8DEU   KC5ILO EM23lo
> >
>
> --
>   KC7ZRU | In Laramie Area
>   Laramie, WY | UARC Repeater
>   DN71eh | 146.610
>   "The Dungeon" online at http://www.cyberhighway.net/~tateb
>
> ---
> You are currently subscribed to propnet as: wallio@crosspaths.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: Leonids 99 Recap v0.1

From: Tate <KC7ZRU@cyberhighway.net>
Date: Wed, 01 Dec 1999 11:52:36 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52718-1999.12.01-13.06.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Ralph!

Got a copy where I know I won't loose it now. Guess it paid off to have hit
'replay all' rather than just 'reply' to Ev as I'd planned.

Thanks again!

"Ralph Wallio, W0RPK" wrote:
>
> Here is the original message from KC7ZRU (de W0RPK):
>
> Following packet received here at 2137MST on 17NOV99 - it worked! Impressed
> with the non MS packet getting here, musta been a nice burn. Passall was ON.
>
> Callsign database says this call belongs to a fella in GREENFIELD, IA - grid
> matches - Good Morning Larry!
>
> N0BKB-1>APW*33,WIDE:N0BKB!4220.57N/09410.03W-PHG7490 EN21UI ON 147.585
>
> So far that's it
>

> Using a twin pair of 4 ele 'Arrow' beams about 20' above ground - aimed 80
> degrees true.
>
> 73
>
> --
>   KC7ZRU | In Laramie Area
>   Laramie, WY | UARC Repeater
>   DN71eh | 146.610
>   "The Dungeon" online at http://www.cyberhighway.net/~tateb
>

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7. [propnet] Re: Leonids 99 Recap v0.1

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 01 Dec 1999 21:02:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52809-1999.12.01-20.18.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No problem, Tate. I've got it now. Thanks!
-= Ev =-

Tate wrote:

> Hey Ev,
>
> You missed one I sent to PropNet: Received this packet here in Laramie. My
> grid is DN71eh.
>
> N0BKB-1>APW*33,WIDE:N0BKB!4220.57N/09410.03W-PHG7490 EN21UI ON 147.585
>
> Man! I can't find the original message
>
> My text file of the packet is dated 18NOV at 7:50am - that means I'd have
> heard it on the night of the 17th, morning of the 18th - I seem to remember a
> time of around 2100hrs MST - but can't confirm that.
>
> I KNOW I sent the to propnet with all the info, someone forwarded it over to
> APRS SIG - and I can't find either of 'em.
>
> 73
>
> "Ev Tupis (W2EV)" wrote:
> >
> >
> > Please provide fills wherever you can.
>
> > Please, send me your updates!
> >
> > -= Ev, W2EV =-
> > p.s. -- the preemie twins and mom are doing well. thanks for all the well
> > wishes to date!
> >
>
> Way good to hear!
>
> > Band Date Time Station Grid   HeardBy Grid
> > ---- ---- ---- ------- ------ ------- ------
> > 2   1115 0505 WA1LOU FN31mo KC8CSD EN81nm
> > 2   1115 0505 KC8CSD EN81nm WA1LOU FN31mo
> > 6   1116 1200 N2QAE   FN20lr W0RPK   EN31fk
> > 6   1117 2005 AA2AC   FN02   W2AAA   FN03xd
> > 6   1117 0731 W3GYK   EM85vf W3MR   FM18qx
> > 2   1117 1414 AC9R   EM66   W3MR   FM18qx
> > 2   1118   N7HXP   CN87rg KQ6EA
> > 2   1118   W1AW   FN31pq KJ4X   EM84pw
> > 2   1118   N7HXP   CN87rg WA6YLB DM86kg
> > 2   1118 0248 N8DEU   KC5ILO EM23lo
> > 2   1118 0536 N8DEU   N0BKB   EN21ui
> > 2   1118 0630 N8DEU   KE0VN   EN16ow
> > 2   1118 0642 N8DEU   KC5ILO EM23lo
> >
>
> --

```
>                   KC7ZRU      |   In Laramie Area
>                 Laramie, WY   |    UARC Repeater
>                   DN71eh      |      146.610
>   "The Dungeon" online at http://www.cyberhighway.net/~tateb
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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```

8. [propnet] Re: Leonids 99 Recap v0.1

```
From: "Ralph Wallio, W0RPK" <wallio@crosspaths.net>
Date: Thu, 2 Dec 1999 18:30:49 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-52910-1999.12.02-18.46.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

W0RPK copied two 6m packets from N2QAE-12 on 14Nov99 UTC (Saturday evening CST). The times were
02:14UTC (header plus 6-bytes) and 03:08UTC (header plus 22-bytes). No packets were copied on 16Nov. r

```
  Band Date Time Station Grid   HeardBy Grid
  ---- ---- ---- ------- ------ ------- ------
  2    1115 0505 WA1LOU  FN31mo KC8CSD  EN81nm
  2    1115 0505 KC8CSD  EN81nm WA1LOU  FN31mo
  6    1116 1200 N2QAE   FN20lr W0RPK   EN31fk
  6    1117 2005 AA2AC   FN02   W2AAA   FN03xd
  6    1117 0731 W3GYK   EM85vf W3MR    FM18qx
  2    1117 1414 AC9R    EM66   W3MR    FM18qx
  2    1118      N7HXP   CN87rg KQ6EA
  2    1118      W1AW    FN31pq KJ4X    EM84pw
  2    1118      N7HXP   CN87rg WA6YLB  DM86kg
  2    1118 0248 N8DEU           KC5ILO  EM23lo
  2    1118 0536 N8DEU           N0BKB   EN21ui
  2    1118 0630 N8DEU           KE0VN   EN16ow
  2    1118 0642 N8DEU           KC5ILO  EM23lo
  --
```

9. [propnet] Leonids: Grids Wanted

```
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 04 Dec 1999 22:19:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-53279-1999.12.04-21.35.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

I'm still lacking 6-character grid-square information on the following
two stations that shared in Leonids '99 success (can anyone help with
the information?):

KQ6EA
N8DEU

Ev, W2EV
--
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10. [propnet] Re: Leonids: Grids Wanted

```
From: "Jim Jerzycke" <kq6ea@pacbell.net>
Date: Sun, 5 Dec 1999 22:41:30
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-53484-1999.12.05-22.55.58--lyris.propnet#tapr.org@lists.tapr.org>
```

Rendered body type: text/plain

DOH! I could've sworn I replied directly to you, Ev!
My Grid Square is: DM03ut
73....Jim KQ6EA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Re: Leonids: Grids Wanted

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 06 Dec 1999 01:58:46 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-53512-1999.12.06-01.14.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No Prob, Jim. I'm finally getting a chance to assemble a "Leonids '99
Successes" page and doing a recap and critique for QST and CQ. There were
some a-m-a-z-i-n-g successes and great room for improvements next time.
-= Ev, W2EV =-

Jim Jerzycke wrote:

> DOH! I could've sworn I replied directly to you, Ev!
> My Grid Square is: DM03ut
> 73....Jim KQ6EA
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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study propagation anomolies.   Intreagued?
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12. [propnet] Leonids Successes Graphic

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 07 Dec 1999 18:04:13 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-53782-1999.12.07-17.16.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've created a graphic that represents the successes of the Leonids
Packet MS experiment. Take a look for yourself at:
http://www.RochesterNY.org/PropNET then follow the hyperlink titled
"Events You Missed".

Congrats to all participants, successful or not. There was much learned
(more on this later), and much to look forward to on 6-meters this
summer, as more folks come aboard with 24/7 stations.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

13. [propnet] Gemenids

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 08 Dec 1999 07:56:10 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-53858-1999.12.08-09.15.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

About that time?

>NASA Space Science News for Dec 7, 1999
>

>Great Geminids! On December 13 and 14, 1999, fragments of the mysterious
>asteroid 3200 Phaethon will strike Earth's atmosphere and produce a
>beautiful sky show. FULL STORY at:
>
>http://science.nasa.gov/newhome/headlines/ast06dec99_1.htm

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

14. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: ALTENCZA@aol.com
Date: Wed, 8 Dec 1999 17:08:37 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-53897-1999.12.08-16.23.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A useful program which allows the sending of rapid WINAPRS
type packets (faster than the 10 sec beacon) is found at:

    http://www.qsl.net/n7qjp/VKE/VKESupport1.htm

I'm using this VKExpress program, to send rapid WINAPRS packets
for meteor scatter, and it would be nice to practice with other
stations both locally and over the radio horizon. If anyone would
care to test fast WINAPRS, with VKE or some other favorite
program, please email me.

Al   NX2Q   FN20wv   AlTencza@aol.com

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 08 Dec 1999 23:20:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54154-1999.12.08-22.37.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Al,
This is fascinating. Would you describe your setup in greater detail?
Were you able to run WinAPRS on the RX-side for automatic decode, while
using VKE on the TX-side? How did you set things up to work?

Please...share! :o)

Ev, W2EV

ALTENCZA@aol.com wrote:

> A useful program which allows the sending of rapid WINAPRS
> type packets (faster than the 10 sec beacon) is found at:
>
>   http://www.qsl.net/n7qjp/VKE/VKESupport1.htm
>
> I'm using this VKExpress program, to send rapid WINAPRS packets
> for meteor scatter, and it would be nice to practice with other
> stations both locally and over the radio horizon. If anyone would
> care to test fast WINAPRS, with VKE or some other favorite
> program, please email me.
>
> Al   NX2Q   FN20wv   AlTencza@aol.com
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: ALTENCZA@aol.com
Date: Thu, 9 Dec 1999 07:28:21 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54279-1999.12.09-06.43.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Ev for the interest in the 'rapid' WinAPRS note. You have
probably been through this already, but I will mention what I have
puzzled out playing with this interesting technique.

The VKE digital voice keyer is great for sending wav files as used in
normal and meteor scatter operation. So by prerecording the desired
group of WINAPRS type packets as wav files, you can then use VKE
to send them in various timing patterns. The VKE program has North
American and European timing conventions built in along with manual
and looping flexibility.

WinAPRS type packets may be composed without using WinAPRS
as a starting point. For example, a packet can be composed in Pacratt
and sent to a TNC. Then the audio output of the TNC may be fed into the
line in on a computer sound card. This is one approach to create the wav file.

Another variation is to take the TNC output and feed it to a transmitter,
receive the packet on another rig, and record the audio signal.

A packet string that will activate the icon placement in WinAPRS has
generally speaking, a format such as:

    Position/Status/ID-String/Beacon

In WinAPRS, the History List and the When Heard List show some of
the information in this string. The Position/Status/ID-String look like:

    NX2Q>APW233:=4053.30N/07408.36WRPHG0000/WinAPRS 2.3.3 -233-<520>

The Beacon from your QST article looks like:

    NX2Q-2>CQ,QST1-1:[FN20wv]

So, putting the beacon on the end of the first string would be:

NX2Q>APW233:=4053.30N/07408.36WRPHG0000/WinAPRS 2.3.3
-233-<520>/NX2Q-2>CQ,QST1-1:[FN20wv]

This string contains the LatN/LonWR...   Here, the R is the icon code from
the icon list in WinAPRS. The following PHG0000 in the status code from
the station screen entrys in WINAPRS.

The ID-String comes from the user entrys in the WinAPRS settings screen.

I don't know what the <520> refers to.

Much of the string can be omitted for the sake of having a shorter packet
that can be sent in less than one second.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 09 Dec 1999 07:47:56 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54295-1999.12.09-09.03.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:28 AM 12/9/99 EST, ALTENCZA@aol.com sent:
<snip>
>The Beacon from your QST article looks like:
>
>   NX2Q-2>CQ,QST1-1:[FN20wv]
>
>So, putting the beacon on the end of the first string would be:
>
>NX2Q>APW233:=4053.30N/07408.36WRPHG0000/WinAPRS 2.3.3
>-233-<520>/NX2Q-2>CQ,QST1-1:[FN20wv]

        Too long. Actually, the NX2Q-2>CQ,QST1-1:[FN20wv] is the ENTIRE Meteor
Scatter packet.

>I don't know what the <520> refers to.

        That tells what kind of processor the computer has in it. Mine says <530>
because I run a Pentium-class machine. I'm not sure, but I believe <520>
may be a 486.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: ALTENCZA@aol.com
Date: Thu, 9 Dec 1999 10:32:21 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54305-1999.12.09-09.47.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 12/9/99 9:49:29 AM Eastern Standard Time, KD5XB@AMSAT.ORG
writes:

<< Too long. Actually, the NX2Q-2>CQ,QST1-1:[FN20wv] is the ENTIRE Meteor
 Scatter packet.

 >I don't know what the <520> refers to.

    That tells what kind of processor the computer has in it. Mine says <530>
 because I run a Pentium-class machine. I'm not sure, but I believe <520>
 may be a 486.
  >>
Earl, Maybe yes maybe no. I have tried using just:

        NX2Q-2>CQ,QST1-1:[FN20wv]

But it does not activate the WinAPRS icon. I have used
a shortened string with success. More checking is in order, I am
currently testing:

    NX2Q>=4120.00N/07440.00W;/NX2Q-2>CQ,QSL1-1:[FN21QH]

The purpose of the <520> may be a computer parameter, but I am also
using a pentium here.

Have you tried the short packet version in an actual test?

Al NX2Q

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 09 Dec 1999 20:16:48 -0700

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54379-1999.12.09-21.53.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:32 AM 12/9/99 EST, ALTENCZA@aol.com sent:
<snip>
>Earl, Maybe yes maybe no. I have tried using just:
>   NX2Q-2>CQ,QST1-1:[FN20wv]
>But it does not activate the WinAPRS icon. I have used
>a shortened string with success. More checking is in order, I am
>currently testing:
>   NX2Q>=4120.00N/07440.00W;/NX2Q-2>CQ,QSL1-1:[FN21QH]
>The purpose of the <520> may be a computer parameter, but I am also
>using a pentium here.
>
>Have you tried the short packet version in an actual test?
>
>Al NX2Q

        Al, the following is from meteor.txt, one of the doc files included in
DosAPRS. This is the actual mode I have used (called Grid-In-To).

        Earl

>METEOR SHOWER EVENTS ON TWO METERS:
>
>APRSdos has a MS mode to improve the probabilities of seeing APRS packets
>during a Meteor Shower (MS). These are all implemented using
>the alt-S-FORMATS-MSCATTER command:
>
> 1) Your grid square posit is placed in the TO address of your packets
>   in order to get the shortest possible packet:
>
>W3XYZ>FM19DX:]$[comment^HP...
> | ||
> | |*- - P= SqrRoot(P/10): 2=40, 3=90, 5=250, 9=910
> | * - - H= heading /10:   2=20, 9=90, A=100, Z=350
>   * - - - - - - -]$[indicates that the TO address is the
>   grid square and the $ is the map symbol
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

20. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 09 Dec 1999 22:52:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54381-1999.12.09-22.09.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Al,
What version of WinAPRS are you using?
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

21. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: ALTENCZA@aol.com
Date: Fri, 10 Dec 1999 10:17:43 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54436-1999.12.10-09.32.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,
I'm using WinAPRS V2.3.3.

As a proposal for a very short packet experimenting technique, we
could use, if we had it, a very short packet consisting of just the
icon alone. To make this work, each participant in the event would
have to be assigned a unique code or icon. This could be done via
Internet. Then each ham would download the completed assignment
file from the Internet to be available in his computer for a list look up

when these 'icons' were received. The list look up would provide the
location so that the receiving stations program could placed the icon
at the proper location.

Even though some of the information would be coming from an onboard
file, there would be a far better chance of capturing a scatter signal by
using such a short burst repetitively.

This very short packet might even be useful in bouncing off Aurora without
too much garbling.

Al   NX2Q

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

22. [propnet] Re:Rapid WINAPRS transmissions for weak MS.

From: ALTENCZA@aol.com
Date: Fri, 10 Dec 1999 10:19:22 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54437-1999.12.10-09.34.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,
OK on using APRSdos in MS mode. I have not used that
program.

I checked with Mark Sproul on 'short' packets. He thought that
the shortest packet currently would probably be just the grid
square. He also mentioned that the <520> is the Operating
System version (Win 3.1, Win 95, Win NT) of the system a user
is running encoded in hexadecimal. The <520> would be a Pentium
CPU, Win 95.

Al NX2Q

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

23. [propnet] Re: Geminids

From: ALTENCZA@aol.com
Date: Sat, 11 Dec 1999 19:16:13 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54669-1999.12.11-18.31.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The WinAPRS short packet, [FN20wv], will be used for the Geminids
from NX2Q. The timing will be North American (TX the first and third quarter,
RX the second and fourth quarter of the minute).

The plan is to start at 0400 UTC Tuesday (11:00 EST) and run for 20 minutes.
Afterwards, if any station receives an indication of meteor activity from some
source such as the web and if an email is sent here, I will acknowledge the
note
and start another run...sort of 'motion sensor' operation.

The location here is NNJ , 12 miles west of NYC.

The station consists of an IC 970H, 160w linear, GasFet preamp, and four KLM
LB 13 antennas in a four bay setup.

For inspiration, please go to this web site:

    http://www.spacescience.com/newhome/headlines/ast22dec98_1.htm

Al NX2Q   FN20wv altencza@aol.com

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

24. [propnet] Geminids

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Dec 1999 08:25:19 -0500

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54766-1999.12.12-07.41.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For some reason, the Geminids haven't been very productive for us in the
past, but I'm willing to try. Count me in!

I'll be using the same protocol as we did for the Leonids, with TWO
NOTABLE EXCEPTIONS (emphasis, not shouting):

FULLDUP ON
PASSALL ON

The first TNC parameter will disable carrier-sense TX/RX control,
opening the channel for more chance to RX a distant packet. The second
will keep the TNC from "filtering" busted calls. Examining the log, you
may be able to decipher a call or two visually.

I will be on 147.585-MHz and 53.530-MHz.

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

25. [propnet] Re: Geminids

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 12 Dec 1999 07:53:44 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54770-1999.12.12-09.24.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:25 AM 12/12/99 -0500, Ev Tupis (W2EV) sent:
<snip>
>I'll be using the same protocol as we did for the Leonids, with TWO
>NOTABLE EXCEPTIONS (emphasis, not shouting):
>
>FULLDUP ON
>PASSALL ON
>
>The first TNC parameter will disable carrier-sense TX/RX control,
>opening the channel for more chance to RX a distant packet. The second
>will keep the TNC from "filtering" busted calls. Examining the log, you
>may be able to decipher a call or two visually.

        So -- how can I set these parameters with my KISS TNC? And how might I
change them back when I want to go back to 144.39?

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

26. [propnet] Re: Geminids

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Dec 1999 21:37:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54888-1999.12.12-21.35.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have no idea how KISS TNC's control these functions, ol' friend. :o(Sorry.
However, the good news is that FULLDUP ON is really needed *only* if you have more
than two other stations line-of-site to you. PASSALL ON simply gives you a little

more opportunity to visually inspect fractured callsigns that would otherwise be
ignored. Neither of these two changes are absolutly necessary...but if they can be
invoked, they increase (in theory) the possibility for partial success.

Ev, W2EV

> >FULLDUP ON
> >PASSALL ON
> >
> >The first TNC parameter will disable carrier-sense TX/RX control,
> >opening the channel for more chance to RX a distant packet. The second
> >will keep the TNC from "filtering" busted calls. Examining the log, you
> >may be able to decipher a call or two visually.
>
>   So -- how can I set these parameters with my KISS TNC? And how might I
> change them back when I want to go back to 144.39?
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

27. [propnet] Geminids Activity

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Dec 1999 22:34:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54892-1999.12.12-21.51.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W2EV-2 and W2AAA-6 (on 147.585-MHz and 53.530-MHz respectively) will be
active overnight on Monday and Tuesday from FN03 (Western New York). If
any success is had, I'll extend to Wednesday overnight as well.

If you will also be active, please let us know. I'd prefer to beam in a
direction of known activity.

Please remember, we're attempting to invoke the following additional
TNC parameters:
FULLDUP ON
PASSALL ON

FULLDUP ON will allow your TNC to ignore carrier-sense when it comes to
transmitting. This is especially important if you have more than 2
other stations active in your area.

PASSALL ON will allow your TNC to pass even fractured callsigns to your
"heard log" for visual inspection.

The Geminids have traditionally been a low-success MS event for us, so
keep your expectations at an appropriate level. On the other hand, this
is a fully automated meteor scatter system. Just turn on, let it run
and let's see what we catch! :o)

Ev, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

28. [propnet] Re: Geminids

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 12 Dec 1999 22:20:47 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54893-1999.12.12-22.35.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, FULLDUP is necessary even though you are using KISS on some
of the older TNC-2 clones. I observed a problem that prevents a TNC-2
clone from transmitting in the KISS mode when the DCD is active. This
means the watch dog timer expires and all the data in the buffer is blasted
out the TX line until it expires again and again.   So, it has been a
standard
practice to set FULLDUP ON on my PACCOMM and MFJ TNC's so they
will work properly in the KISS mode.

For all the folks who plan on giving me a lecture on how KISS works, forget
it.
I know how it works, but it is a fact that some TNC's will not behave
properly
if you do not set FULLDUP ON before activating the KISS mode on some
of the TNC-2 clones.

This was a problem many years ago when I started to use WISP with the
PACSAT's.   My transmit was not working as it should until I realized that
the FULLDUP setting was affecting the KISS operation of the TNC. It is
not suppose to work this way, but the reality tells us differently. This
issue
may be fixed on some of the newer TNC designs or in later firmware.

The bottim line is that if your transmit is not sending data as you think it
should, then try setting FULLDUP ON before starting the KISS mode on
your TNC.

In normal operation, the KISS mode simply means the computer
software does all the work. The settings on the TNC are ignored
when it is in the KISS mode of operation. The software on the
computer becomes the control engine for the TNC and the software
determines the callsign to be used and all the other settings that a
TNC would normally control. The settings on the TNC should do
nothing if it is in the KISS mode. The only exception is the FULLDUP
bug that exists in a several of the older TNC-2 clones such as MFJ
and PACCOMM.

The real answer is that PASSALL and FULLDUP do not compute
when using KISS. When a TNC is in the KISS mode it simply sends
KISS frames as defined by the specification. Thus, PASSALL and
FULLDUP are unknown in the KISS mode. If your software talks to
the TNC in the KISS mode, then it is your software that determines
what paramters can be set. If your software supports functions like
FULLDUP and PASSALL, then it is your software that makes it
happen and not the TNC itself.

For example, in the KISS mode the MYCALL setting on the TNC is
ignored since your TNC only uses it in the non-KISS mode. If the
software on your computer incorporates a MYCALL setting, then it
is your computer software that controls the TNC regardless of how
you set the MYCALL parameter on the TNC in the non-KISS mode.

When you take the TNC out of the KISS mode, then the TNC itself
takes control and all the settings on the TNC are placed in effect
since the TNC is now using its own control engine.

Hopefully, I am making some sense in my ramblings....

73's,
Tim - N8DEU

>I have no idea how KISS TNC's control these functions, ol' friend.
(Sorry.
>However, the good news is that FULLDUP ON is really needed *only* if you
have more
>than two other stations line-of-site to you. PASSALL ON simply gives you a
little
>more opportunity to visually inspect fractured callsigns that would
otherwise be
>ignored. Neither of these two changes are absolutly necessary...but if
they can be
>invoked, they increase (in theory) the possibility for partial success.
>
>Ev, W2EV
>
>> >FULLDUP ON
>> >PASSALL ON
>> >
>> >The first TNC parameter will disable carrier-sense TX/RX control,
>> >opening the channel for more chance to RX a distant packet. The second
>> >will keep the TNC from "filtering" busted calls. Examining the log, you
>> >may be able to decipher a call or two visually.
>>
>>   So -- how can I set these parameters with my KISS TNC? And how
might I
>> change them back when I want to go back to 144.39?
>>
>>   7 3
>>   Earl
>>
>> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
>> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>>
>> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
>> you breathe...)
>>
>> ---
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>
>--
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>http://www.RochesterNY.org/PropNET
>
>
>
>
>
>---
>You are currently subscribed to propnet as: tim_cunningham@mindspring.com
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29. [propnet] Minimum Station Power Requirements

From: "Mark Pagel" <thepagels@theriver.com>
Date: Sun, 12 Dec 1999 22:39:05 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54897-1999.12.12-23.59.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,
>From the data you have analyzed so far, what is the minimum station ERP
requirements to have someone
else hear ones MS beacon?

Mark in Tucson.
N6NZO

----- Original Message -----
From: Ev Tupis (W2EV) <propnet@greeceny.com>

To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Sunday, December 12, 1999 7:37 PM
Subject: [propnet] Re: Geminids

> I have no idea how KISS TNC's control these functions, ol' friend.
(Sorry.
> However, the good news is that FULLDUP ON is really needed *only* if you
have more
> than two other stations line-of-site to you. PASSALL ON simply gives you
a little
> more opportunity to visually inspect fractured callsigns that would
otherwise be
> ignored. Neither of these two changes are absolutly necessary...but if
they can be
> invoked, they increase (in theory) the possibility for partial success.
>
> Ev, W2EV
>
> > >FULLDUP ON
> > >PASSALL ON
> > >
> > >The first TNC parameter will disable carrier-sense TX/RX control,
> > >opening the channel for more chance to RX a distant packet. The second
> > >will keep the TNC from "filtering" busted calls. Examining the log,
you
> > >may be able to decipher a call or two visually.
> >
> >   So -- how can I set these parameters with my KISS TNC? And how
might I
> > change them back when I want to go back to 144.39?
> >
> >   7 3
> >   Earl
> >
> > Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> > Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
> >
> > Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> > you breathe...)
> >
> > ---
> > You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
> --
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> http://www.RochesterNY.org/PropNET
>
>
>
>
>
> ---
> You are currently subscribed to propnet as: aq1sw2@pixi.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

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30. [propnet] Re: Minimum Station Power Requirements

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 13 Dec 1999 07:51:46 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-54947-1999.12.13-07.08.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Ev,
>From the data you have analyzed so far, what is the minimum station ERP
>requirements to have someone else hear ones MS beacon?

Hi Mark,
Great question. This is going to be a long, but quite informative reply...so

prepare accordingly. :o)

During Leonids '99, the least-powerful successful station participant ran 50 watts. This would have been N0BKB (EN21ui) with 50 watts to a vertical monopole antenna -to- KC7ZRU (DN71eh) with a total of 8-elements of antenna. The distance was 948 km. Overall antenna size (TX stations' antenna + the RX stations' antenna=overall) was 9 elements.

Consider any combination of TX-station and RX-station antenna that yields a real 10dBd of overall gain (count all vertical monopoles as 0-dB gain for the purpose of this discussion...no matter what the manufacturer claims) to be the *absolute* minimum to hope for success on 2-meters. Then take 50-watts as *absolute* minimum TX RF needed. What you get is 500-watts as being the *absolute* minimum overall ERP needed for being *marginally* successful during Leonids '99. (this is a lot like moonbounce, where you add not only *your* antenna gain, but also the antenna gain of the RXing station, to determine your chance of success).

Now, one can calculate other probabilities:
If a TX station has a vertical monopole (0-dBd gain) and hopes to be seen by other vertical monopole stations (0-dBd gain), the TXer will need to use a 500-watt amplifier...and even then, success will be marginal.

Now, assume that the TX station erects a 10-element antenna. All of a sudden, only 50-watts is needed for *marginal* success. If they run a 160-watt amp, they will see much better results still. The real boon is to other 10-element stations, where the success rate is better yet.

Lesson learned:
#1: If running a vertical monopole, participate by announcing that you will be an "active listener". Set your Beacon Every rate to 0, and be an RX-only station. This is a highly effective mode...as 5 participating stations (using vertical monopoles) reported receiving DX packets! Unless these stations ran 500-watts, their chances of being heard by others is nil. They were simply filling the local channel, keeping better equipped local stations from hearing DX packets.

#2: Run high power and good antenna. The better you do on both counts, the better chance you have for success.

#3: Triple check articles that you write for QST & CQ. :o) Somehow, I forgot to mention the need to invoke FULLDUP ON and PASSALL ON. This caused 147.585-MHz to be crammed with signals in high population areas because of having 10+ stations contending for a "free space" on the channel. Neither of these parameters are absolutly necessary in rural America, but they are in urban-ville. This was probably the most significant reason for lost opportunity during Leonids '99. A vast majority of successful participants were rural participants because of this. Hopefully, this didn't dampen the enthusiasm of too many folks.

Overall...this is a very cool use of packet technology, wouldn't you agree? :o)

The thing to remember is that each meteor event has its' own unique characteristics (meteor speed being directly retated to amount of ionozation that takes place). So, the ERP needed for Leonids '99 success may be more or less than what is needed for other events (I guess that's part of the fun, huh?).

Of course, everything above may be considered a general explanation and subject to more data collection.

Regards,
Ev, W2EV
--
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study propagation anomolies. Intreagued?
http://www.RochesterNY.org/PropNET

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31. [propnet] W3GYK QRV 6 and 2 MS Geminids

From: "Wayne Ackerman" <wwackerm@teleplex.net>
Date: Mon, 13 Dec 1999 14:42:11 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-55019-1999.12.13-13.55.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W3GYK-6 and W3GYK-2 will be on 53.530 and 147.585 the nights of 12/12, 12/13 and 12/14 using KPC-3 Plus TNC's (ver 8.3) and WinAPRS (ver 2.4.0). Located in EM85vf, Western North Carolina, just east of I-26 and four miles above the South Carolina border.

Running 150 watts on six to a 5/8 wave vertical, gain of 3.0 dBi and 200 watts on two with 5/8 x 2 wave vertical, 6.2 dBi gain. W3MR saw me on six during Leonids - hope I see someone during the Geminids. Because of restrictions, this is the best antenna setup I can put up.

73, Wayne

32. [propnet] geminids

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Mon, 13 Dec 1999 19:22:49
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55049-1999.12.13-19.37.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Will be monitoring 147.585 mhz for
the next few days. EM84pw, northwestern
part of South Carolina.

Doug
KJ4X
kj4x@arrl.net

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33. [propnet] geminids

From: "Larry D. Clark" <buddycl@swbell.net>
Date: Mon, 13 Dec 1999 20:21:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55052-1999.12.13-20.34.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi

i'll be monitoring 147.585 for the next several days
em12mo, richardson tx 75080

larry
kd5foy
em12mo

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

34. [propnet] Re: Geminids

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 13 Dec 1999 21:12:03 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55070-1999.12.13-22.40.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim,
Great tutorial. Thanks for taking the time to share it with the whole
listserve!
Warmly,
Ev, W2EV

Tim Cunningham wrote:

> Actually, FULLDUP is necessary even though you are using KISS on some
> of the older TNC-2 clones. I observed a problem that prevents a TNC-2
> clone from transmitting in the KISS mode when the DCD is active. This
> means the watch dog timer expires and all the data in the buffer is blasted
> out the TX line until it expires again and again. So, it has been a
> standard
> practice to set FULLDUP ON on my PACCOMM and MFJ TNC's so they
> will work properly in the KISS mode.
>
> For all the folks who plan on giving me a lecture on how KISS works, forget

> it.
> I know how it works, but it is a fact that some TNC's will not behave
> properly
> if you do not set FULLDUP ON before activating the KISS mode on some
> of the TNC-2 clones.
>
> This was a problem many years ago when I started to use WISP with the
> PACSAT's.   My transmit was not working as it should until I realized that
> the FULLDUP setting was affecting the KISS operation of the TNC. It is
> not suppose to work this way, but the reality tells us differently. This
> issue
> may be fixed on some of the newer TNC designs or in later firmware.
>
> The bottim line is that if your transmit is not sending data as you think it
> should, then try setting FULLDUP ON before starting the KISS mode on
> your TNC.
>
> In normal operation, the KISS mode simply means the computer
> software does all the work. The settings on the TNC are ignored
> when it is in the KISS mode of operation. The software on the
> computer becomes the control engine for the TNC and the software
> determines the callsign to be used and all the other settings that a
> TNC would normally control. The settings on the TNC should do
> nothing if it is in the KISS mode. The only exception is the FULLDUP
> bug that exists in a several of the older TNC-2 clones such as MFJ
> and PACCOMM.
>
> The real answer is that PASSALL and FULLDUP do not compute
> when using KISS. When a TNC is in the KISS mode it simply sends
> KISS frames as defined by the specification. Thus, PASSALL and
> FULLDUP are unknown in the KISS mode. If your software talks to
> the TNC in the KISS mode, then it is your software that determines
> what paramters can be set. If your software supports functions like
> FULLDUP and PASSALL, then it is your software that makes it
> happen and not the TNC itself.
>
> For example, in the KISS mode the MYCALL setting on the TNC is
> ignored since your TNC only uses it in the non-KISS mode. If the
> software on your computer incorporates a MYCALL setting, then it
> is your computer software that controls the TNC regardless of how
> you set the MYCALL parameter on the TNC in the non-KISS mode.
>
> When you take the TNC out of the KISS mode, then the TNC itself
> takes control and all the settings on the TNC are placed in effect
> since the TNC is now using its own control engine.
>
> Hopefully, I am making some sense in my ramblings....
>
> 73's,
> Tim - N8DEU
>
> >I have no idea how KISS TNC's control these functions, ol' friend.
> (Sorry.
> >However, the good news is that FULLDUP ON is really needed *only* if you
> have more
> >than two other stations line-of-site to you. PASSALL ON simply gives you a
> little
> >more opportunity to visually inspect fractured callsigns that would
> otherwise be
> >ignored. Neither of these two changes are absolutly necessary...but if
> they can be
> >invoked, they increase (in theory) the possibility for partial success.
> >
> >Ev, W2EV
> >
> >> >FULLDUP ON
> >> >PASSALL ON
> >> >
> >> >The first TNC parameter will disable carrier-sense TX/RX control,
> >> >opening the channel for more chance to RX a distant packet. The second
> >> >will keep the TNC from "filtering" busted calls. Examining the log, you
> >> >may be able to decipher a call or two visually.
> >>
> >>   So -- how can I set these parameters with my KISS TNC? And how
> might I
> >> change them back when I want to go back to 144.39?
> >>
> >>   7 3
> >>   Earl

> >>
> >> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> >> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
> >>
> >> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> >> you breathe...)
> >>
> >> ---
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> >--
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> >
> >
> >
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35. [propnet] MS 147.585

From: "Wayne Ackerman" <wwackerm@teleplex.net>
Date: Tue, 14 Dec 1999 09:56:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55115-1999.12.14-09.09.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have one packet from W2EV-2 on my station list this morning. Time was 06:44 EST 12/14/99. Symbol is
 a circle with a slash so apparently I received only a partial packet since I had passall ON. Symbol is
 in the list only, not on the map screen. (WinAPRS 2.4.0)

Wayne, W3GYK

36. [propnet] MS 147585

From: Estelle & Richard <rhoward@netinc.ca>
Date: Tue, 14 Dec 1999 10:34:00 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55117-1999.12.14-09.50.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I also recieved W2EV-2, Position list , plus Status, As
fn03xd.Richard.VE3DOH.

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37. [propnet] Re: geminids

From: Tim Baggett <tim@oasis.com>
Date: Tue, 14 Dec 1999 10:02:08 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55125-1999.12.14-10.19.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Morning All,

I've been finding this list quite interesting during the past year, even though
I am not active on APRS or MS.

If my observations are worth anything, then the geminids will probably yield
better results than last months leonids.

Last month I watched for several hours on two evenings and saw nothing. During
one hour on each of two mornings I saw only a single meteor during the Leonid
fizzle.

Last night I was involved in a hot-air balloon glow from 7-9PM. Even though I
was downtown in Austin and wasn't even looking for them, I saw 6 meteors even at
this early time. They seemed to radiate from somewhere north of Orion (I haven't
checked to see where Gemini is yet). Also, each of these meteors was MUCH slower
than the leonids that I saw. So slow in fact that a few times I would catch a
glipse of one, then able to look back and verify that I indeed did see a meteor.

Good luck to everyone with their equipment on. Even with a few successes, I'm
sure everyone is contributing to the knowledge of meteor scatter quite a bit.

73,
Tim
AA5DF
Austin, TX

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38. [propnet] Weird msg from me?

From: "Boissonneault, Martin (A)" <ve2mrx@amsat.org>
Date: Wed, 15 Dec 1999 08:21:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55274-1999.12.15-07.39.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi!
        Did I just send a weird message here?

                Martin VE2MRX

[E_O_MSG]

mailto:ve2mrx@amsat.org

Martin VE2MRX
Beloeil, Quebec, Canada
FN35jn

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39. [propnet] Request: Kantronics Packet Com 3 Manual

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 17 Dec 1999 06:55:44 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: PropNet Listserve Group <propnet@lists.tapr.org>,
        APRS Listserve <aprssig@tapr.org>
Message-ID: <LYR1548-55598-1999.12.17-06.12.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ozzie,
I don't have what you are looking for, but will forward your message to
a couple of other listserves that may be able to help you in your
quest.
Ev, W2EV

ozzie oswald wrote:
>
> I hope to get on soon , but need a manual for a Kantronics packet
> communicator 3. About 5 years old.
>
> Kantronics says they have no manuals. Can your or your group help?
> It has a old chip inside, will upgrade when gets running.
>

> I am in DN-27
>
> Ozzie K7CAI

--
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40. [propnet] Congratulations, Ev!

From: "Robert Moore" <N2USB@rochester.rr.com>
Date: Fri, 17 Dec 1999 19:42:19 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55698-1999.12.17-18.57.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

* QST Cover Plaque Award: The winner of the QST Cover Plaque Award for
November was Evhen Tupis, W2EV, for his article, "An Automated
Meteor-Scatter Station." Congratulations, Ev!

Taken from the ARRL News Letter
Bob, N2USB

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>
>

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41. [propnet] NYC Area

From: "Charles L. Alfano" <calfano@worldnet.att.net>
Date: Sat, 18 Dec 1999 07:10:17 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55771-1999.12.18-06.26.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Folks,

       FYI. I have the EOC in Rockaway Queens gating to 6 meters. This
will put more traffic on the frequency. Hopefully will help you folks
with propagation reports..

73,
Charlie
WA2GUG

--
[Attachment: calfano.vcf; text/x-vcard; 208 bytes]
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,782 bytes]

42. [propnet] Results: Packet Meteor Experiment

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 18 Dec 1999 22:03:09 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55869-1999.12.18-21.19.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have compiled the results of all forwarded reports of meteor DX from
Leonids '99 and Geminids '99. To see the graphic, hit
http://www.RochesterNY.org/PropNET and select the hyperlink titled
"Events You Missed". You'll see hyperlinks for a bunch of past events,
including these two meteor showers.

A very special congratulations to N7HXP in [CN87rg] (the TX station) and
WA6YLB in [DM86kg] (the RX station) who are the holders of the best DX
ever achieved (at least in the archives that I have access to) on packet
meteor scatter . . . 2,015 km!

Well done, one and all!

Ev Tupis, W2EV
--
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43. [propnet] Leonids v1.01 :o)

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 19 Dec 1999 10:27:25 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55930-1999.12.19-09.39.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I goofed in my keypunching. WA6YLB was in DM06, not DM86. That brings
the stellar 2,015km MS contact down a notch to a phenomenal 1,248 km
contact. :o) Still nothing to sneeze at.

The graphic on http://www.RochesterNY.org/PropNET under "Events you
Missed" has been updated.

-= Ev, W2EV =-

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

44. [propnet] Re: Leonids v1.01 :o)

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 19 Dec 1999 08:37:37 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55932-1999.12.19-09.53.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:27 AM 12/19/99 -0500, Ev Tupis (W2EV) sent:
>I goofed in my keypunching. WA6YLB was in DM06, not DM86. That brings
>the stellar 2,015km MS contact down a notch to a phenomenal 1,248 km
>contact. :o) Still nothing to sneeze at.
>
>The graphic on http://www.RochesterNY.org/PropNET under "Events you
>Missed" has been updated.
>
>-= Ev, W2EV =-

        Interesting that most of the successful contacts were east of the
Mississippi River...

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

45. [propnet] Geminids 99

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 19 Dec 1999 10:22:05 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55935-1999.12.19-11.37.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Pete, WAHEI, and I attempted a 2-way contact during the Geminids Meteor
shower using some hefty ERP for 2 nights of the storm on 145.79 MHz.

We did not decode any signals from each other during this period of
activity.

I was generating a 37 dB ERP signal and Pete was generating some high ERP from his end as well. We transmitted signals for 15 seconds each minute accruing to our quadrant in the APRSdos software.

We had no luck, which leads me to believe that given the high S/N ratio required to receive an FM signal and the extreme random nature of bouncing a signal off a meteor, it is not too practical to expect a scheduled or random
QSO to occur using digital packet on an FM signal. In fact, it might just be
luck if and when it does occur for the history book. i am not quick to jump to
any conclusions, but we certainly need more data and a lot more testing to verify and understand the unknown mysteries. This is not to down play the thought of making a QSO in this manner, but a reality or the need for a bigger
better meteor shower or loads of ERP.

The second though that comes to mind is how can you tell your signal actually bounced off a meteor versus a piece of space junk? Without having a
piece of software that can provide the probability of a space junk signal bounce and knowing every piece of hardware floating in space, it is not feasible
for me to correlate this type of data at the present time.

In order to better understand this phenomena, I think it might be prudent to set aside a few days during the year where we just blast some RF to the horizon and treat it as a meteor shower when one dos not exist and see if we see some random reception of signals.

What do others thinks about this type of event?

It could tell us a little more in unlocking the mystery on how some of these signals are making it back to some long distance point on earth.

73's

Tim - N8DEU

-----Original Message-----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Date: Sunday, December 19, 1999 9:38 AM
Subject: [propnet] Re: Leonids v1.01 :o)

>At 10:27 AM 12/19/99 -0500, Ev Tupis (W2EV) sent:
>>I goofed in my keypunching. WA6YLB was in DM06, not DM86. That brings
>>the stellar 2,015km MS contact down a notch to a phenomenal 1,248 km
>>contact. :o) Still nothing to sneeze at.
>>
>>The graphic on http://www.RochesterNY.org/PropNET under "Events you
>>Missed" has been updated.
>>
>>-= Ev, W2EV =-
>
> Interesting that most of the successful contacts were east of the
>Mississippi River...
>
> 7 3
> Earl
>
>
>Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
>Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)
>
>Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
>you breathe...)
>
>---
>You are currently subscribed to propnet as: tim_cunningham@mindspring.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

46. [propnet] Re: Geminids 99

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 19 Dec 1999 11:12:25 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55939-1999.12.19-12.28.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:22 AM 12/19/99 -0600, Tim Cunningham sent:
<snip>
>In order to better understand this phenomena, I think it might be prudent to
>set aside a few days during the year where we just blast some RF to the
>horizon and treat it as a meteor shower when one dos not exist and see if
>we see some random reception of signals.
>
>What do others thinks about this type of event?
>
>It could tell us a little more in unlocking the mystery on how some of these
>signals are making it back to some long distance point on earth.

We'll probably ALWAYS have some slight success somewhere. Enough meteors fall at random, not part of a shower, that several non-amateur outfits use it as a routine means of communication. The one I've heard most of is the US military, which gets about a 100 BPS rate every day, all day long.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

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47. [propnet] Re: Leonids v1.01 :o)

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 19 Dec 1999 14:41:46 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55991-1999.12.19-22.20.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Interesting that most of the successful contacts were east of the
> Mississippi River...

I'm sure that this is related to a number of factors including more widespread participation in the east as well as the "peak" (as defined by both number of meteors per hour as well as the radiant of the shower) favored europe this year.

Conjecture on my part ('cause I'm no astrophysicist) would say that the further from europe you were during Leonids '99, the less the opportunity for success you enjoyed.

-= Ev =-

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

48. [propnet] Re: Geminids 99

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 19 Dec 1999 14:51:37 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-55992-1999.12.19-22.21.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Tim,
Thanks for the fascinating update on your efforts with Pete. I agree
that there is a lot to learn and experiment with, too. If willing, I'd
be happy to run with you or anyone else, during non-meteor shower
times. It would be interesting to see a "baseline" success comparison.

Maybe after the January VHF Sweepstakes, though. My antennas are down
(rusty tower crumbled) and I've got to get aluminum back up before snow
sticks. :o)

Ev, W2EV

Tim Cunningham wrote:
>
> Pete, WAHEI, and I attempted a 2-way contact during the Geminids Meteor
> shower using some hefty ERP for 2 nights of the storm on 145.79 MHz.
>
> We did not decode any signals from each other during this period of
> activity.
> I was generating a 37 dB ERP signal and Pete was generating some high
> ERP from his end as well. We transmitted signals for 15 seconds each minute
> accruing to our quadrant in the APRSdos software.
>
> We had no luck, which leads me to believe that given the high S/N ratio
> required to receive an FM signal and the extreme random nature of bouncing
> a signal off a meteor, it is not too practical to expect a scheduled or
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> QSO to occur using digital packet on an FM signal.   In fact, it might just
> be
> luck if and when it does occur for the history book. i am not quick to jump
> to
> any conclusions, but we certainly need more data and a lot more testing to
> verify and understand the unknown mysteries. This is not to down play the
> thought of making a QSO in this manner, but a reality or the need for a
> bigger
> better meteor shower or loads of ERP.
>
> The second though that comes to mind is how can you tell your signal
> actually bounced off a meteor versus a piece of space junk? Without having
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> piece of software that can provide the probability of a space junk signal
> bounce and knowing every piece of hardware floating in space, it is not
> feasible
> for me to correlate this type of data at the present time.
>
> In order to better understand this phenomena, I think it might be prudent to
> set aside a few days during the year where we just blast some RF to the
> horizon and treat it as a meteor shower when one dos not exist and see if
> we see some random reception of signals.
>
> What do others thinks about this type of event?
>
> It could tell us a little more in unlocking the mystery on how some of these
> signals are making it back to some long distance point on earth.
>
> 73's
>
> Tim - N8DEU
>
> -----Original Message-----
> From: Earl Needham <KD5XB@AMSAT.ORG>
> To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
> Date: Sunday, December 19, 1999 9:38 AM
> Subject: [propnet] Re: Leonids v1.01 :o)
>
> >At 10:27 AM 12/19/99 -0500, Ev Tupis (W2EV) sent:
> >>I goofed in my keypunching. WA6YLB was in DM06, not DM86. That brings
> >>the stellar 2,015km MS contact down a notch to a phenomenal 1,248 km
> >>contact. :o) Still nothing to sneeze at.
> >>
> >>The graphic on http://www.RochesterNY.org/PropNET under "Events you
> >>Missed" has been updated.
> >>
> >>-= Ev, W2EV =-
> >
> > Interesting that most of the successful contacts were east of the
> >Mississippi River...
> >

> > 7 3
> > Earl
> >
> >
> >Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> >Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)
> >
> >Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> >you breathe...)
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> >---
> >You are currently subscribed to propnet as: tim_cunningham@mindspring.com
> >To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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http://www.RochesterNY.org/PropNET

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January 2000

Original source file: propnet.0001
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0001

1. [propnet] Quadnids

From: GRaney1882@aol.com
Date: Mon, 3 Jan 2000 23:22:14 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-58118-2000.01.03-22.39.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there anyone running meteior packet for the quadnids.... this is the
second time I've set up and I still haven't seen any contacts....

QTH is Houston, TX EL29GQ ... running 5w to a 4el quad pointed N-NE ...

Gary KM5TY

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: Quadnids

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 03 Jan 2000 21:55:37 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-58125-2000.01.03-23.14.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:22 PM 1/3/00 EST, GRaney1882@aol.com sent:
>Is there anyone running meteior packet for the quadnids.... this is the
>second time I've set up and I still haven't seen any contacts....
>
>QTH is Houston, TX EL29GQ ... running 5w to a 4el quad pointed N-NE ...
>
>Gary KM5TY

        I didn't run this one, but I'll try the next time a good sized shower is
expected.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Re: Quadnids

From: ALTENCZA@aol.com
Date: Tue, 4 Jan 2000 00:09:43 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-58128-2000.01.03-23.25.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gary,
I'm running 160 watts to four 13 element (total of 52 elements) KLM
antennas. The form of the packet is just [FN20WV]. This packet
will put the standard antenna icon on the WinAPRS screen along
with the senders call sign. The packets are generated by using
a WAV file. An easy way of doing this is to use the digital voice
keyer program called VKExpress (VKE for short) which is available at:

    http://www.qsl.net/n7qjp/VKE/VKESupport1.htm

The strategy here is to use as short a packet as possible so that
it can be fully reflected by a relatively short meteor ionization trail.

In VKE, you can select the meteor scatter timing mode. I'm using
North American timing, TX on the first and third quarter minute.
RX on the second and fourth quarter minute. Your computer clock

must agree with UTC of course if you are running with another
station.

A major limitation with the current WinAPRS system for meteor scatter
is that a lot of the signal power must go into the FM carrier. But its all in
fun so we can dream.

Al NX2Q

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: Quadnids

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 04 Jan 2000 03:11:40 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-58165-2000.01.04-02.27.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Gary,
I wish I could join you, but antennas are down right now. Btw...5-watts
isn't much to work with. You are better off in RX-only mode and finding
a DX station to run with that has at least a small beam and 100 watts
(of course, the more the better). :o)
Ev, W2EV

GRaney1882@aol.com wrote:
>
> Is there anyone running meteior packet for the quadnids.... this is the
> second time I've set up and I still haven't seen any contacts....
>
> QTH is Houston, TX EL29GQ ... running 5w to a 4el quad pointed N-NE ...
>
> Gary KM5TY
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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5. [propnet] Re: Quadnids

From: dpfister <dpfister@kc.net>
Date: Wed, 05 Jan 2000 08:29:14 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-58367-2000.01.05-08.42.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TAPR APRS PropNet Discussion Group digest wrote:
>
> From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> Date: Tue, 04 Jan 2000 03:11:40 -0500
> X-Message-Number: 1
>
> Hi Gary,
> I wish I could join you, but antennas are down right now. Btw...5-watts
> isn't much to work with. You are better off in RX-only mode and finding
> a DX station to run with that has at least a small beam and 100 watts
> (of course, the more the better). :o)
> Ev, W2EV
>
> GRaney1882@aol.com wrote:
> >

> > QTH is Houston, TX EL29GQ ... running 5w to a 4el quad pointed N-NE ...
> >
> > Gary KM5TY
> >

What freq? When?

73 de Don
--

[Signature File]
Name=Don Pfister KA0JLF
HABITAT SkyLab
(High Altitude Basic Investigation Testing And Tracking)
Email=dpfister@kc.net or donp@netlab.org
http://www.netlab.org/habitat
http://www.kc.net/~dpfister
http://www.netlab.org/~donp
http://www.netlab.org:8888/ Visit the Lab in the Hobby wing.
HABITAT being built...

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: Quadnids

From: GRaney1882@aol.com
Date: Wed, 5 Jan 2000 11:55:59 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-58398-2000.01.05-11.12.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had the TNC beaconing on 147.585 but after 24 hours of no activity I shut
it down... I think it would be a good idea to get everyone "online" to setup
their stations for the January VHF contest... maybe even try and convince a
few friends... if you contest, it's a source of easy grids if not, you'd be
helping others out and getting the word out about this project.

Gary KM5TY

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] Re: Quadnids

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 06 Jan 2000 06:20:37 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-58587-2000.01.06-05.36.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not certain that there was much(any) activity for Quads '00; but
your suggestion about the VHF SS is a good one...for many reasons:

(1) outfitting contest rovers with APRS would make them easy to find
(2) outfitting home stations will make scheduling contacts easier
    you already know who is active, and in what direction to point
    your antenna to make the contact
(3) populating 147.585 for this purpose will make it possible to
    operate without self-interference (144.39 is only 190-kHz from
    the SSB calling frequency, after all)
I'm sure there are more good reasons, but at 6:00 am (after being up
with the kids most of the night) the ol' brain is a little mushy. :o)

Ev, W2EV

GRaney1882@aol.com wrote:
>
> I had the TNC beaconing on 147.585 but after 24 hours of no activity I shut
> it down... I think it would be a good idea to get everyone "online" to setup
> their stations for the January VHF contest... maybe even try and convince a
> few friends... if you contest, it's a source of easy grids if not, you'd be
> helping others out and getting the word out about this project.
>
> Gary KM5TY
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] Re: propnet digest: January 06, 2000

From: "Ramon Santoyo V." <ramsan@yahoo.com>
Date: Fri, 07 Jan 2000 06:50:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-58848-2000.01.07-06.50.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

_____

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http://im.yahoo.com

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Band Opening

From: "Ben Pollard" <ws5r@arrl.net>
Date: Wed, 12 Jan 2000 03:56:21 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-59926-2000.01.12-04.12.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Presently have a good band opening to SE of Amarillo, TX, have stations on
screen via VHF in MS, AL, and GA. To bad its 3 in the morn, I might be able
to raise some one on ssb if it were a bit later.

73,
Ben

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: Band Opening

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 12 Jan 2000 06:10:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-59931-2000.01.12-05.26.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Very Cool, Ben. Would you mind taking a screen-shot of what you've got
and eMailing it to me? I'd love to post it on the PropNET site.

Ev, W2EV

Ben Pollard wrote:
> Presently have a good band opening to SE of Amarillo, TX, have
> stations on screen via VHF in MS, AL, and GA. To bad its 3 in
> the morn, I might be able to raise some one on ssb if it were
> a bit later.

--
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] When is DX, DX?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 12 Jan 2000 06:13:57 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-59932-2000.01.12-05.30.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm interested to hear opinions as to how one would define DX, in an
"APRS sense".

Would it be hearing either a Digipeated packet from beyond x-kilometers
away or a Direct packet from beyond y-kilometers away (where x and y are
user defined)?

Is there some other way to defind DX?

Ev, W2EV
--
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data network designed to
plot band openings in near
real-time.   Intreagued?
http://go.to/propnet

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] Re: Band Opening

From: "Wm Seffens" <seffens@netzero.net>
Date: Wed, 12 Jan 2000 08:50:22 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-59945-2000.01.12-08.03.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: Ben Pollard <ws5r@arrl.net>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Date: Wednesday, January 12, 2000 4:57 AM
Subject: [propnet] Band Opening

>Presently have a good band opening to SE of Amarillo, TX, have stations on
>screen via VHF in MS, AL, and GA. To bad its 3 in the morn, I might be able
>to raise some one on ssb if it were a bit later.
>
>73,
>Ben
>

I noticed a lot of stations from TX on the map here in Atlanta this
morning. I am too new at APRS to understand if this is due to "band
opening" or to stations getting many hops from digipeters. How do I
determine if DX is occuring, and how do i document it? It appears that log
files in winAPRS are not closed until logging is turned off. A screen shot
will not show if a station is digipeated multiple times.

Wm Seffens

_____
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13. [propnet] Re: Band Opening

From: "Ben Pollard" <ben@classicbrews.com>
Date: Wed, 12 Jan 2000 18:44:57 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-60096-2000.01.12-19.01.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

William,
I consider it a band opening even if the packets make a hop over multiple

digipeaters. We usually don't see past the Dallas area to our East here so
seeing GA was unusual. One way to look at the paths is look at the protopath
list under the list pulldown in winaprs. Even using digipeaters it is pretty
neat for a packet from a D-7 fo make it to Amarillo, TX from Jacksonville,
FLA.

73,
Ben
> I noticed a lot of stations from TX on the map here in Atlanta this
> morning. I am too new at APRS to understand if this is due to "band
> opening" or to stations getting many hops from digipeters. How do I
> determine if DX is occuring, and how do i document it? It appears that
log
> files in winAPRS are not closed until logging is turned off. A screen
shot
> will not show if a station is digipeated multiple times.
>
> Wm Seffens

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14. [propnet] [Fwd: [WSVHF] Big Gulf/Carribean Tropo Fcst]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Wed, 19 Jan 2000 01:58:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-61425-2000.01.19-01.15.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This may be of interest to many. If anyone in the affected areas
experience any major enhancement on APRS, I'd be interested in a screen
shot. Windows users simply press <print screen>, open an eMail message
window and Paste.

Sending me this eMail gives me permission to display the screen shot for
others to see, too (on the PropNET website, etc.). Thanks!

Ev, W2EV

15. [propnet] January VHF contest

From: "Gary Raney" <GRaney1882@aol.com>
Date: Sat, 22 Jan 2000 17:36:11
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-62063-2000.01.22-17.32.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Although the contest has been slow so far, I've started my TNC beaconing on
2m. I think these contest's make a good time to carryout this project.
Contesters will set up the equpiment to run it for the grids and the added
points.

Gary KM5TY

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16. [propnet] Re: January VHF contest

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 23 Jan 2000 00:10:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-62073-2000.01.22-18.07.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Excellent point, Gary. It's something that we need to start talking
about...but probably after the contest <g>...point North...major aurora
now in progress.

Ev, W2EV

Gary Raney wrote:
>
> Although the contest has been slow so far, I've started my TNC beaconing on
> 2m. I think these contest's make a good time to carryout this project.

> Contesters will set up the equpiment to run it for the grids and the added
> points.
>
> Gary KM5TY
>
> ---
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> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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17. [propnet] APRS beacon operation question

From: "Mike Jacobs" <mwj116@psu.edu>
Date: Sat, 22 Jan 2000 19:32:44 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-62081-2000.01.22-18.29.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi everyone,

I have tried to operate an APRS beacon station a few times, and
haven't had much success. I suspect there are some operational
details that I am not getting right. Just to review the basics, can
someone summarize the frequencies and modes used. I have read
Erv's article in QST, and read a lot of material on the web, so I
understand the operations mostly, but I see conflicting information
as to what frequencies are currently in use.

Also, what speed packet do people use? 9600 would catch shorter
propagation events, like meteor trails, but it requires a much higher
signal to noise ratio than 1200.

I am willing to set up a beacon station running 24/7 in my lab if that
is a good idea, or do people usually wait for a predicted
propagation event to go on the air? Or are there already enough
beacons in operation? Thanks for the advice.

Mike Jacobs, N3YAV
Antenna and RF Engineering Laboratory
Penn State University
State College, PA

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18. [propnet] Re: January VHF contest

From: "Wm Seffens" <seffens@netzero.net>
Date: Sat, 22 Jan 2000 21:00:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-62098-2000.01.22-19.53.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i would like to listen for packet beacons. What 2m frequency are you using?
145.585?
I plan on erecting a 13b2 beam antenna by this summer.

Wm Seffens

-----Original Message-----
From: Gary Raney <GRaney1882@aol.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Date: Saturday, January 22, 2000 6:36 PM
Subject: [propnet] January VHF contest

>Although the contest has been slow so far, I've started my TNC beaconing on
>2m. I think these contest's make a good time to carryout this project.
>Contesters will set up the equpiment to run it for the grids and the added

>points.
>
>Gary KM5TY
>
>---
>You are currently subscribed to propnet as: seffens@netzero.net
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

_____
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19. [propnet] Re: January VHF contest

From: GRaney1882@aol.com
Date: Sun, 23 Jan 2000 00:50:15 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-62138-2000.01.22-23.47.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been beaconing on 147.585 per the article in QST.

Gary KM5TY

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

20. [propnet] Re: January VHF contest

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 23 Jan 2000 10:58:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-62173-2000.01.23-04.55.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If the intent is to work meteor scatter, then please don't be
disappointed if you get few, if any, returns.

What will be really cool is when a large number of contest stations
power-up on 53.53 or 147.585 and establish a network for contest rovers
to be seen. Of course, this can be done on the original APRS frequency
of 144.39, but severe desense will occur for those folks who are SSB/CW
operators. More on this later...back to the contest :o)

Ev, W2EV

> I've been beaconing on 147.585 per the article in QST.

--
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21. [propnet] Re: APRS beacon operation question

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 23 Jan 2000 11:43:45 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-62176-2000.01.23-05.40.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Mike,
PropNET is a service that is in its' infancy right now. Interest is
growing rapidly.

What is PropNET and what is its relationship to APRS? Easy...APRS, by

admission of Bob Bruninga (WB4APR), the father of APRS, is a system that is designed to provide tactical communications in a disaster, and allow the dissemination of health/safety information in the mean time. As such, the APRS network on 144.39-MHz was designed to support that as a goal.

PropNET, however, is a network that is engineered to support the study of propagation anamolies and be more "friendly" to those hams that are most likely to benefit from the system...narrowband VHF operators. The first test of the system was quite a success (meteor scatter propagation on 6- and 2-meters). Not to say it went perfectly, but how many out-and-out experiments do the first time? <grin>

Both APRS and PropNET use UI-Packets. PropNET uses APRS software as its mode of displaying propagation anamolies...however because of the special needs of PropNET (short packets being paramount), the system is hand-configured to transmit specially formatted packets. APRS software is used simply to decode the information and display it on a graphical screen.

So...where do you find PropNET? At this time, 53.530-MHz on 6-meters has been actually coordinated by many frequency coordinators for this purpose. PropNET on 2-meters is a bit more nebulous. The meteor experiment took place on 147.585-MHz. There is some thought that we could improve participation by moving it lower in the band...however the lower we go, the closer we get to the SSB/CW subband...which is not in the best interests of the service. We may begin looking at other "split" FM simplex frequencies in the 147-MHz range, though (such as 147.555 [probably not this one], .525, .495, .465) as a couple of folks reported problems with repeater QRM at '.585). Additionally, there was a school-of-thought that suggested a 145-MHz frequency. The reason cited was that SSB/CW folks would have high-gain antennas already in-place that would function well there. Unfortunately, the idea is to provide a service that compliments SSB/CW and can operate concurrently with SSB/CW operation with minimal desense. That is what keeps us from moving there for now. However, there are ways of moving to 145-MHz and still accomplish the goal...it just requres more engineering than does a 147-MHz frequency.

I guess that was a long explanation that could have been more quickly conveyed by saying, 53.53-MHz the 6-meter frequency and 147.585-MHz is for 2-meters (with the understanding that this is experimental in nature, and may require us to find a new home in the future).

You asked about other frequencies and modes, too. As far as FM operation, you will find that as follows:

APRS:
144.390-MHz (1200 baud)

PropNET:
53.530-MHz (1200 baud)
147.585-MHz (not 24/7 -- usually only during meteor events) (1200 baud)

No 9600 baud activity as of now because of the signal needed for a good Bit Error Rate (as you mentioned).

There are a growing number of folks using HF frequencies, too. There, you would set your transceiver for SSB and tune around carefully until you begin decoding packets.

As of now...there is no PropNET activity on HF (that will probably change over time). You will find APRS on 10-meters (at 300 baud as well as 1200 baud) and 30-meters at 300 baud. I've not committed these frequencies to memory, but you'll find someone on the listserve who can help you a bit more, if that is where your interest is.

Back to PropNET, though. At this point, almost all activity surrounds actual known meteor events. Folks get on the air for two or three days, then shut-down. That will change over time. There is a class of station called a Hub. It is the equivalent of a TRACEn-n digipeater. At present, there are probably between 6 and 12 of them scattered around the US. All of them are on 6-meters. Please, do establish a Hub, if you can. Just know that you will be among the pioneers (lots of sage brush for now...the villages, towns and cities will be built over time <smile>).

Lastly, please know...PropNET is not "in competition" with APRS. Although both use the same software, the purpose of each service is

different. If you are interested in staying "in the loop" on PropNET
stuff...you may wish to subscribe to the PropNET special interest group
on http://www.tapr.org. The listserve gets busiest during meteor events
for now (so don't expect your inbox to get clogged with a ton of
traffic). Expect that to change this summer. I'm going to start
featuring a series of articles on how PropNET can be used to study
summertime anamolous propagation...and actually warn SSB/CW folks (and
any participants) of band openings-in-progress, even if they aren't
there to see it happen.

V e r y cool use of UI-technology.

If you are having problems setting up your station, let us know. We're
happy to lend a hand.

Welcome Aboard,
Ev, W2EV

Mike Jacobs wrote:
>
> Hi everyone,
>
> I have tried to operate an APRS beacon station a few times, and
> haven't had much success. I suspect there are some operational
> details that I am not getting right. Just to review the basics, can
> someone summarize the frequencies and modes used. I have read
> Erv's article in QST, and read a lot of material on the web, so I
> understand the operations mostly, but I see conflicting information
> as to what frequencies are currently in use.
>
> Also, what speed packet do people use? 9600 would catch shorter
> propagation events, like meteor trails, but it requires a much higher
> signal to noise ratio than 1200.
>
> I am willing to set up a beacon station running 24/7 in my lab if that
> is a good idea, or do people usually wait for a predicted
> propagation event to go on the air? Or are there already enough
> beacons in operation? Thanks for the advice.
>
>
> Mike Jacobs, N3YAV
> Antenna and RF Engineering Laboratory
> Penn State University
> State College, PA
>
> ---
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22. [propnet] New Map Resource on the way!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 29 Jan 2000 02:01:41 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-63213-2000.01.29-00.59.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The website: http://www.topozone.com

After an inquiry as to how to get my hands on these maps (they don't
download, though they display wonderfully)...

From: Info <info@topozone.com>
To: 'Evhen Tupis' <evman@ix.netcom.com>

Ev -

In about a month or so our TopoView software will be available. We
won't be providing maps on CD, but TopoView will let you download maps
to your hard disk - any maps you like, for free. The software will sell
for around $50 ($75 for the GPS version).

        - Ed

I have no commercial interest in this product. I got the information
from another listserve. FYI.
-= Ev =-
--
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real-time.   Intreagued?
http://go.to/propnet

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February 2000

Original source file: propnet.0002
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0002

1. [propnet] PropNET Beacon Equipment

From: Tim Salo <salo@networkcs.com>
Date: Wed, 2 Feb 2000 13:44:09 -0600 (CST)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-64135-2000.02.02-13.41.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am wondering what people are (or wish they were) using for 6-meter
PropNET beacon stations.

I assume people are using simple vertical dipoles.

For a dedicated PropNET facility, I assume a 6 meter mobile rig makes
sense, although I haven't looked at them. Are there some rigs that
people like or dislike more than others?

How much power makes sense? I assume that not all that much is required,
unlike meteor shower work, but I'm just guessing.

Thanks,
        -tjs

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: PropNET Beacon Equipment

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 05 Feb 2000 03:41:46 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-64573-2000.02.05-02.39.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Tim,
Sorry for the delay in replying. I'm amazed just how much effort taking
care of twins entails.

The typical 6-meter PropNET station is running 10 to 20 watts to a 1/2
wave vertical dipole. These home stations are called Peer-class
stations. There are a handfull of Hub-class stations scattered around.
These are the equivalent of Wide-digis. They run converted business
band transceivers at 100+ watts to 1/2 wave verticals.

Unlike APRS, PropNETers are encouraged to run high power where possible,
for obvious reasons.

I'm still intreagued with your proposal. I just haven't had much time
to digest it much. Please don't give up on it.

Warmly,
Ev, W2EV

Tim Salo wrote:
>
> I am wondering what people are (or wish they were) using for 6-meter
> PropNET beacon stations.
>
> I assume people are using simple vertical dipoles.
>
> For a dedicated PropNET facility, I assume a 6 meter mobile rig makes
> sense, although I haven't looked at them. Are there some rigs that
> people like or dislike more than others?
>
> How much power makes sense? I assume that not all that much is required,
> unlike meteor shower work, but I'm just guessing.
>
> Thanks,
>   -tjs
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
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http://go.to/propnet

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3. [propnet] Twins

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 05 Feb 2000 07:04:54 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-64580-2000.02.05-08.03.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:41 AM 2/5/00 -0500, Ev Tupis (W2EV) sent:
>Hi Tim,
>Sorry for the delay in replying. I'm amazed just how much effort taking
>care of twins entails.
<snip>

        Give it some time -- just when you think the effort is about to get
easier, they get their drivers licenses!

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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4. [propnet] [METEOR-SCATTER] IPS Aurora Alert - 14 02 00 15

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 14 Feb 2000 21:49:36 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-66075-2000.02.14-23.53.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

<snip>
>>From: Regional Warning Centre <rwc@ips.gov.au>
<snip>
>>SUBJ: IPS AURORA ALERT
>>ISSUED AT 1519UT on 14 Feb, 2000 BY IPS RADIO AND SPACE SERVICES
>>FROM THE AUSTRALIAN SPACE FORECAST CENTRE
>>
>>
>>GEOMAGNETIC STORM IN PROGRESS. AURORA MAY BE OBSERVED
>>DURING LOCAL NIGHT TIME HOURS IN GOOD OBSERVING CONDITIONS
>>AT HIGH LATITUDE REGIONS (GREATER THAN 55 DEGREES LATITUDE).
>>
>>
>>This alert is automatically issued from autoscaled data which
>>may produce a false alarm on rare occasions.
>>
>>
>>
>>IPS Radio and Space Services | email: asfc@ips.gov.au
>>PO Box 1386 | WWW: http://www.ips.gov.au/asfc
>>Haymarket NSW 1240 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
>>tel: +61 2 9213 8010 | fax: +61 2 9210 8060
>>
>>
>>
>

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March 2000

Original source file: propnet.0003
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0003

1. [propnet] hello

From: "jsr" <kc5jgv@bobcats2.oursc.k12.ar.us>
Date: Tue, 14 Mar 2000 07:45:11 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-70962-2000.03.14-07.43.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone subscribed here?

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: hello

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Tue, 14 Mar 2000 08:51:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-70967-2000.03.14-07.50.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, but no one has said a word...LOL

Todd Ellis, N2XL

----- Original Message -----
From: "jsr" <kc5jgv@bobcats2.oursc.k12.ar.us>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Tuesday, March 14, 2000 8:45 AM
Subject: [propnet] hello

> Anyone subscribed here?
>
>
>
> ---
> You are currently subscribed to propnet as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] re: hello

From: "William Seffens" <wseffens@mediaone.net>
Date: Tue, 14 Mar 2000 09:33:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-70980-2000.03.14-08.29.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yea, this list is quiet, as is 53.53.I have been monitoring 53.53 off and on
using a disccone antenna connected to WinRadio with the packet digital
suite. I am constructing a 6m beam that i plan to continuasly rotate
slowly. i hope the predictions of solar activity are more real than the y2k
predicted doom!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: hello

From: "jsr" <kc5jgv@bobcats2.oursc.k12.ar.us>
Date: Tue, 14 Mar 2000 08:33:25 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-70981-2000.03.14-08.31.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well let's fire this thang up!

Is this PropNet still going? On 6m? 53.53? Is it worth my time and effort to
install this new 6m digi next weekend? What are the parameters I have to
program? I am using a KPC-4 and want to gate the 6m to 2m APRS. Anyone have
a kpc-4 in use today?

Whew, ran outa questions fer now.....

Scott

----- Original Message -----
From: "Todd Ellis" <ellistr@booth-assoc.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Tuesday, March 14, 2000 7:51 AM
Subject: [propnet] Re: hello

> Yes, but no one has said a word...LOL
>
> Todd Ellis, N2XL
>
> ----- Original Message -----
> From: "jsr" <kc5jgv@bobcats2.oursc.k12.ar.us>
> To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> Sent: Tuesday, March 14, 2000 8:45 AM
> Subject: [propnet] hello
>
>
> > Anyone subscribed here?
> >
> >
> >
> > ---
> > You are currently subscribed to propnet as: tellis6@bellsouth.net
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to propnet as: kc5jgv@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] re: hello

From: "jsr" <kc5jgv@bobcats2.oursc.k12.ar.us>
Date: Tue, 14 Mar 2000 08:36:27 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-70983-2000.03.14-08.37.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That sounds like a neat project! I am trying to put together a 2m/6m GATE
digi using the kpc-4, if that is possible. I hope there are 6m propneters
still out there!

Scott

----- Original Message -----
From: "William Seffens" <wseffens@mediaone.net>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Tuesday, March 14, 2000 8:33 AM
Subject: [propnet] re: hello

> Yea, this list is quiet, as is 53.53.I have been monitoring 53.53 off and
on
> using a disccone antenna connected to WinRadio with the packet digital
> suite. I am constructing a 6m beam that i plan to continuasly rotate
> slowly. i hope the predictions of solar activity are more real than the
y2k
> predicted doom!
>

>
> ---
> You are currently subscribed to propnet as: kc5jgv@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: hello

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 14 Mar 2000 07:37:47 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-70987-2000.03.14-08.45.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:51 AM 3/14/00 -0500, Todd Ellis sent:
>From: "jsr" <kc5jgv@bobcats2.oursc.k12.ar.us>
>To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
>Sent: Tuesday, March 14, 2000 8:45 AM
>Subject: [propnet] hello
>
>
> > Anyone subscribed here?
>
>
>Yes, but no one has said a word...LOL
>
>Todd Ellis, N2XL
><snip>

        It HAS been rather slow lately, what with no meteor showers to try
to take advantage of. I'd suggest that if anyone has a question or an
experience to relate or whatever, that they go ahead and post. People will
come out of the woodwork! As *I* have done! <G>

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] Midland pinouts & mic Z (was: Re: hello)

From: K7LU@arrl.net (Scott E. Parker   K7LU)
Date: Tue, 14 Mar 2000 14:02:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71034-2000.03.14-13.16.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the subject of "[propnet] Re: hello", Earl said...

[snip]

>   It HAS been rather slow lately, what with no meteor showers to try
>to take advantage of. I'd suggest that if anyone has a question or an
>experience to relate or whatever, that they go ahead and post. People will
>come out of the woodwork! As *I* have done! <G>

Here's a question. I have a Midland radio almost ready to go on 53.530.
The problem is getting it interfaced to the TNC on transmit. The mic has
only four pins. Typically figuring out a four pin mic connector is quite
trivial, but this one has me perplexed. Found chassis ground as well as a
pin that when grounded keys the tx. I also found a pin that puts TNC audio
into the tx, but at a very low level. My conclusion at this point is that
either what appears to me to be the proper connections are in fact

incorrect or else there's a horrendous impedance mismatch between TNC and
tx input. I could, of course, keep playing detective, measure impedances,
etc., but if anyone knows of a source for specifications on Midland radios,
specifically the mic pinouts and mic impedance, it would sure be helpful.
(The tx level with the radio's mic is just fine.) The plate on the radio
gives the model number as: 70-056C.

73, Scott

+=+
 Scott E. Parker   K7LU   K7LU@arrl.net   http://www.qsl.net/k7lu

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] Re: hello

From: sonic <sonic@pcom.net>
Date: Tue, 14 Mar 2000 15:20:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71042-2000.03.14-14.19.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yup, but its been dead...

At 07:45 3/14/00 -0600, you wrote:
>Anyone subscribed here?
>
>
>
>---
>You are currently subscribed to propnet as: sonic@pcom.net
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Re: hello

From: dave.g0dja@psilink.co.uk (David J. Ackrill)
Date: Wed, 15 Mar 2000 21:22:28 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71295-2000.03.15-15.20.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Eh, what? I was having a nice nap there, and someone woke the list up.

<Yawn, stretch>

Well, since I'm awake. Any chance of using a 6M frequency that the rest of
the world can use? (UK, and alot of Europe, are limited to the 50.000 to
52.000MHz range - Many countries allocate even less than this! - UK only got
the 'top' 1MHz a few years ago...)

No?

Thought not.

OK - G'night again.

De Dave (G0DJA)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: hello

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Mar 2000 05:52:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71435-2000.03.16-04.52.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dave,
The reason for choosing 53.530-MHz was two fold:
1. We were searching for a frequency that allowed SSB/CW
   sub-banders to participate on PropNET simultaneously,
   with minimal desense (self-interference). Placing the
   PropNET frequency at 53-MHz fits the need nicely.
2. We need a continent-wide available FM frequency. With
   the number of frequency coordinators across the continent,
   it is impossible to find any other 51+ MHz frequency that
   everyone can agree upon (they don't even agree about 53.53
   on a national basis, but the fact is...the frequency is
   vacant at present).

May I suggest that, if you have an interest in the 6-meter application
of PropNET, you consider setting up a receiver on 53.53-MHz and monitor
for a while. We'd all be interested to find out if the RF can make it
across the Atlantic with strong enough signals to support FM based
packet. Some good evidence to the affirmative would go a long way to
make a point to QSY to a mutually intercontinentally available
frequency.

What say...up to the challenge, ol' man?

Ev Tupis, W2EV

"David J. Ackrill" wrote:
>
> Eh, what? I was having a nice nap there, and someone woke the list up.
>
> <Yawn, stretch>
>
> Well, since I'm awake. Any chance of using a 6M frequency that the rest of
> the world can use? (UK, and alot of Europe, are limited to the 50.000 to
> 52.000MHz range - Many countries allocate even less than this! - UK only got
> the 'top' 1MHz a few years ago...)
>
> No?
>
> Thought not.
>
> OK - G'night again.
>
> De Dave (G0DJA)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: A digital wireless
data network designed to
plot band openings in near
real-time.   Intreagued?
http://go.to/propnet

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Re: hello

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Mar 2000 06:06:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71436-2000.03.16-05.06.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, things have been quite quiet, haven't they! It's kind of tough on
propagation enthusiasts when there isn't any. :o)

I'm just returning home from a few days in Phoenix Arizona....where the
weather was exquisite. On the way out, I noticed quite an inversion in
progress (as I flew through it). I wonder if anyone is noticing any
enhancements on 2-meters?

Well...there are 200+ eMails to sort through...maybe there's some note
of an opening a little further down the list.

Ev, W2EV
--

PropNET: A digital wireless
data network designed to
plot band openings in near
real-time.   Intreagued?
http://go.to/propnet

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] Re: hello

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Thu, 16 Mar 2000 05:58:53 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71437-2000.03.16-05.10.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Ev...

Todd Ellis, N2XL, ex KS2Z

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Thursday, March 16, 2000 5:52 AM
Subject: [propnet] Re: hello

> Hi Dave,
> The reason for choosing 53.530-MHz was two fold:
> 1. We were searching for a frequency that allowed SSB/CW
>   sub-banders to participate on PropNET simultaneously,
>   with minimal desense (self-interference). Placing the
>   PropNET frequency at 53-MHz fits the need nicely.
> 2. We need a continent-wide available FM frequency. With
>   the number of frequency coordinators across the continent,
>   it is impossible to find any other 51+ MHz frequency that
>   everyone can agree upon (they don't even agree about 53.53
>   on a national basis, but the fact is...the frequency is
>   vacant at present).
>
> May I suggest that, if you have an interest in the 6-meter application
> of PropNET, you consider setting up a receiver on 53.53-MHz and monitor
> for a while. We'd all be interested to find out if the RF can make it
> across the Atlantic with strong enough signals to support FM based
> packet. Some good evidence to the affirmative would go a long way to
> make a point to QSY to a mutually intercontinentally available
> frequency.
>
> What say...up to the challenge, ol' man?
>
> Ev Tupis, W2EV
>
> "David J. Ackrill" wrote:
> >
> > Eh, what? I was having a nice nap there, and someone woke the list up.
> >
> > <Yawn, stretch>
> >
> > Well, since I'm awake. Any chance of using a 6M frequency that the rest
of
> > the world can use? (UK, and alot of Europe, are limited to the 50.000 to
> > 52.000MHz range - Many countries allocate even less than this! - UK only
got
> > the 'top' 1MHz a few years ago...)
> >
> > No?
> >
> > Thought not.
> >
> > OK - G'night again.
> >
> > De Dave (G0DJA)
> >
> > ---
> > You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
> --

> PropNET: A digital wireless
> data network designed to
> plot band openings in near
> real-time.   Intreagued?
> http://go.to/propnet
>
> ---
> You are currently subscribed to propnet as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

13. [propnet] Re: hello

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 17 Mar 2000 03:05:29 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71616-2000.03.17-02.06.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Todd!
How 'ya been?! You'll find this listserve to be quiet between meteor
showers. We'er rather proud of the high S/N ratio here. :o)

Sorry for the delay in responding btw. I've been contending with a
series of computer failures that I've finally tracked to my MLB (after
swapping & reinstalling a few HD's <argh!>). I'm using a backup
computer now.

Regards to the li'l lady and kids! My wife and I were recently blessed
with twin boys...after 17 years of childless married bliss -- I'm up
feeding 'em & catching up on eMail (as you can see from the
timestamp...they haven't started sleeping through the night yet).

It's good to hear from you, ol' chum!

Ev, W2EV

Todd Ellis wrote:
>
> Yes, but no one has said a word...LOL
>
> Todd Ellis, N2XL
>
> > Anyone subscribed here?

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

14. [propnet] Re: hello

From: dave.g0dja@psilink.co.uk (David J. Ackrill)
Date: Sat, 18 Mar 2000 16:51:12 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71893-2000.03.18-10.49.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
<Snip>

Yes, I guessed why 53MHz was chosen Ed, it's just not available in alot of
the world. :-(
>
>May I suggest that, if you have an interest in the 6-meter application
>of PropNET, you consider setting up a receiver on 53.53-MHz and monitor
>for a while. We'd all be interested to find out if the RF can make it
>across the Atlantic with strong enough signals to support FM based
>packet. Some good evidence to the affirmative would go a long way to
>make a point to QSY to a mutually intercontinentally available

>frequency.
>
>What say...up to the challenge, ol' man?

I would, but for the fact that, legally, were not even allowed to listen on
53MHz!

Basically, over here, you may only listen on certain frequencies. Those
that are generally available to the public (BBC/Independant radio frequences
such as between about 88 and 108Mhz) plus the amateur, CB and any other open
frequency Bands (There's a new 'no licence' band at 446MHz here now).

Strictly speaking, even Aircraft bands are illegal to listen to, but no one
takes much notice and the authorities don't crack down on people listening
to them.

Cheers de Dave (G0DJA)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] lyrid showers

From: Estelle & Richard <rhoward@netinc.ca>
Date: Sat, 18 Mar 2000 14:10:17 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-71917-2000.03.18-13.10.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Seeing that a lot of us are ready to go hunting, the Lyrid Meteor Shower
is Due on the 21 april 2000.
Are we going to use What Freq? Any new format?
It will poorly visable owing to the Waning gibbous Moon. But does not
effect radio bounce tx.
hope we get a good turnout .Richard.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] Re: lyrid showers

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 19 Mar 2000 04:21:05 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-72018-2000.03.19-03.22.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Estelle & Richard wrote:
> Seeing that a lot of us are ready to go hunting, the Lyrid Meteor Shower
> is Due on the 21 april 2000.
> Are we going to use What Freq? Any new format?
> It will poorly visable owing to the Waning gibbous Moon. But does not
> effect radio bounce tx.
> hope we get a good turnout .Richard.

The Lyrids may not have enough density to make much of a difference on a
Packet circuit. To date, the only showers that have proven successful
are the Perseids and Leonids. That's not to say that the Lyrid couldn't
be done, but the specs of the shower don't favor much success.

However...how about it, PropNETers? If there is enough interest in
running this event, I'll repost instructions to the listerve. I'm game
if we can find a couple of dozen other interested folks, too.

What say?

Ev Tupis, W2EV
--
PropNET: an automated network, designed to
study propagation anomolies.
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Re: lyrid showers

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 19 Mar 2000 11:36:15 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-72086-2000.03.19-12.40.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:21 AM 3/19/00 -0500, Ev Tupis (W2EV) sent:
><snip>
>However...how about it, PropNETers? If there is enough interest in
>running this event, I'll repost instructions to the listerve. I'm game
>if we can find a couple of dozen other interested folks, too.

        My 2-meter tracker has decided that it won't keep its settings in
my car, so I currently have it inside the shack on 6
meters. Unfortunately, only 10 watts, but it appears I'll be there for a
while.

        Would be nice if others -- MANY others -- joined me.

        Tnx es 7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Gateing?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 19 Mar 2000 15:14:15 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-72148-2000.03.19-16.18.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had this (possibly insane) idea of gating 2 meters over to six,
to create sort of a "beacon" with the relatively close together 2 meter
packets.

        Any thoughts, pro or con?

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Running six meters here

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 21 Mar 2000 18:47:31 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-72711-2000.03.21-19.53.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK -- since nothing seemed to be happening, I've set up operations
on 53.530. No, I'm not running meteor scatter, I'm running regular WinAPRS
with a position every 5 minutes.

        Since I'm only running 10 watts, I guess I'm REALLY hoping to
receive someone else's signal. How about it y'all -- point something this
way on 53.530. and let's see what we can do.

        7 3

Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

20. [propnet] Re: Running six meters here

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 22 Mar 2000 01:15:11 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-72802-2000.03.22-00.17.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
>   OK -- since nothing seemed to be happening, I've set up operations
> on 53.530. No, I'm not running meteor scatter, I'm running regular WinAPRS
> with a position every 5 minutes.
>
>   Since I'm only running 10 watts, I guess I'm REALLY hoping to
> receive someone else's signal. How about it y'all -- point something this
> way on 53.530. and let's see what we can do.

Hi Earl (et, al),
There are full-time PropNET HUB's in New York and New Jersey right now
(Buffalo, Rochester and Da Big Apple as well as one in Northern
NJ...each with 100 watts to a 1/2 wave vertical. Unfortunately, the
band just plain hasn't opened (I want my money back from this last
sunspot cycle deal <grin>).

Expect more activity and success during the summer Es season...which
should begin building in about two weeks!

Ev, W2EV

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

21. [propnet] Gateing?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 26 Mar 2000 14:06:47 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-73727-2000.03.26-15.09.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In case anybody missed this before --

         I had this (possibly insane) idea of gating 2 meters over to six,
to create sort of a "beacon" with the relatively close together 2 meter
packets.

         Any thoughts, pro or con?

         7 3
         Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

22. [propnet] Re: Gateing?

From: "Charles L. Alfano" <calfano@worldnet.att.net>
Date: Mon, 27 Mar 2000 07:00:09 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-73863-2000.03.27-05.57.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,

   I have been gating 2 to 6 for over a year. Im using a 961212 to do it
. More of the folks on LI are asking about six and the GATE6 feature. Oh
I use gate6 to gate to six so it doesn't go to HF....

73
Charlie
2 - 6 Gate on Long Island

--
[Attachment: calfano.vcf; text/x-vcard; 249 bytes]
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,782 bytes]

23. [propnet] Any results?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 29 Mar 2000 17:58:03 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-74348-2000.03.29-18.58.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey -- does anybody have ANY propagation to report AT ALL in the
past few months?

         7 3
         Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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24. [propnet] Re: Any results?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 30 Mar 2000 05:23:38 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-74419-2000.03.30-04.24.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
>   Hey -- does anybody have ANY propagation to report AT ALL in the
> past few months?

Nothing in the Northeast, I'm afraid. I even checked my Hub TNC's
MHEARD list, in case something came through, but didn't get plotted.

6-meters has been absolutly dead from here. :o(The narrowband guys
have even been quiet!

On an interesting note, though...someone posted a little something to
the general APRS listserve about seeing some enhancement (from Florida
to the Carolinas, I think) on 2-meters. Interestingly, the event was
missed by the SSB/CW folks (at least no one mentioned that they were
working any DX).

This is the power of PropNET, folks! I am a firm believer that there
are plenty of openings that go unnoticed because everyone is listening.
Keep the faith...as more folks join us, the system will get stronger and
stronger.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

April 2000

Original source file: propnet.0004
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0004

1. [propnet] Get on-the-air...Es season is about to begin!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 01 Apr 2000 17:37:07 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-74916-2000.04.01-16.38.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Get on and get radio active!

Surfing the UseNET newsgroup for radio sales, I came across the listings
below. Now...I have no idea about these radios in particular but they
look like a good way to get PropNET active! I'll bet that there are a
LOT of folks subscribed to this listserve that are doing so without
actually having any equipment operating on 53.530-MHz.

Here's a nudge to get you to power-up. PropNET works...but only with
YOU operating.

Ev, W2EV

==
Subject: FS: Motorola Syntor X (Low Band)
Date: Sat, 25 Mar 2000 01:08:33 GMT
From: n3ab@fast.net (JRS)
Organization: Posted via Supernews, http://www.supernews.com
Newsgroups: rec.radio.swap

I have a 100 watt, 16 channel, low band Syntor X for sale. This radio
is wide band and will cover from 29 to 54 MHz without tuning.
Included is a 16 channel System 90 pushbutton head, mike, cable and
speaker. Radio can be programmed for PL or DPL, has a built-in
extender (noise blanker) and can be programmed to scan. Can program
to suit. $195.00 includes shipping to lower 48.

I also have some drawer units without accessories for $100.00 shipped.

Money order only. Please e-mail if interested. Thanks for reading.

John   N3AB
n3ab@fast.net

==

Subject: Azden Six Meter
Date: 26 Mar 2000 21:23:49 GMT
From: dave74107@aol.com (DAVE74107)
Organization: AOL http://www.aol.com
Newsgroups: rec.radio.swap

Hello Group,

I have a like new Azden 6 meter FM mobile mode; # PCS-7500H This is the
later
H model with the orange background screen. Very low hours with the
origional
box,hardware,manuals,packing material,etc. Works great. You won't be
disapointed.

$250.00 certified funds only & I'll ship CONUS.

Thanks
Dave de W5ATV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Fwd: DRKSKY: OT: Aurora Tonight

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 06 Apr 2000 23:36:26 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-75917-2000.04.07-00.40.44--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Maybe a 6 meter opportunity, sorry it's late.

Earl

>To: Multiple recipients of list drksky-list <drksky-list@fpi-protostar.com>
>Sender: owner-drksky-list@fpi-protostar.com
>Reply-To: glendonhowell@juno.com
>Date: Thu, 6 Apr 2000 22:58:11 -0400
>Subject: DRKSKY: OT: Aurora Tonight
>X-Mailer: Juno 4.0.5
>From: Glendon L Howell <glendonhowell@juno.com>
>X-SLUIDL: 99E65C30-0B2A11D4-877C0010-5A05A804
>
>Listserver
>
>Sorry Brian to be somewhat off topic here but I wanted to alert all of
>you to the fact that I observed an auroral display tonight between
>8:30-9:30 PM EDT from within the city of Virginia Beach, VA. What was
>amazing to me is that it was the first one I have ever been able to see
>within the city due to HPS skyglow, and its red and green color was
>visible even into the south.
>
>I believe the activity is likely to continue.
>
>Check this site for a satellite view of the auroral oval:
>http://www.sec.noaa.gov/pmap/index.html
>
>Chec this site for Boulder K indices. Red Plots on these bar graphs
>indicate geomagnetic storm levels.
>gopher://solar.sec.noaa.gov/11/plots/kp%09%09%2B
>
>FYI, Boulder K 3-hour plot for 04/06/00 was 3-3-3-3-3-6-7-8.
>
>Glendon L. Howell <glendonhowell@juno.com>
>LP Committee Chair/Editor/ALCOR of the Back Bay Amateur Astronomers
>Va-IDA Member
>Hampton Roads, VA
>http://groups.hamptonroads.com/BBAA/
>
>_____
>YOU'RE PAYING TOO MUCH FOR THE INTERNET!
>Juno now offers FREE Internet Access!
>Try it today - there's no risk! For your FREE software, visit:
>http://dl.www.juno.com/get/tagj.
>
>- -
>   DARK-SKY MAILING LIST
>   Send list messages to: drksky-list@fpi-protostar.com
>
> Instructions for the Dark-Sky Mailing List (including unsubscribe info) at
>   http://www.fpi-protostar.com/drksky/

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3. [propnet] IGATE?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 09 Apr 2000 07:37:36 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-76394-2000.04.09-09.18.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a method for six-meter signals to reach an IGATE? Was
just kinda curious -- KD5XB-6 is only on 6 meters, and it would be
interesting to see that station show up in the internet feed of APRS.

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)
PGP Key ID 0xAD6BFBD8

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,

you breathe...)

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4. [propnet] Maybe aurora?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 12 Apr 2000 07:17:52 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-76934-2000.04.12-08.18.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

I just received the following:

A s t r o A l e r t
Sun-Earth Alert

Valid: 13-14 April (UTC days)

** Potential Category G1 Geomagnetic Storm **

A solar flare observed near the center of the Sun's visible disk at 23:42 UTC (7:42 pm EDT) on 09 April appears to have been associated with an extremely dim halo coronal mass ejection (CME). The event is only dimly visible in specially processed movies of the SOHO spacecraft LASCO imagery. Movies developed by the Solar Terrestrial Dispatch (http://www.spacew.com) that show this apparent halo CME are publically available at: http://www.spacew.com/c2.mpg (1MB) and http://www.spacew.com/c3.mpg (2.9MB). Concentrate on the frames between 01:30 and 06:00 UTC.

Solar radio noise observed during and after the solar flare suggested a coronal mass ejection may have occurred, but the tell-tale signs of the coronal mass ejection never became apparent until solar forecasters knocked heads together in the analysis of the SOHO spacecrafts LASCO coronagraph imagery. There is a chance that what we are seeing is something else entirely harmless, but the imagery is suggestive enough of a CME that forecasters now believe a halo CME may have been associated with the M-class flare of 09 April.

If the analysis of the imagery holds true, a coronal mass ejection may impact the Earth sometime late on 12 April or on 13 April (UTC time). We are suggesting a preferred impact time of between 04:00 UTC and 13:00 UTC (betwen midnight and 9 am EDT) on 13 April, although the actual impact could deviate from this preferred interval by many hours.

The disturbance may be capable of driving periods of low to moderately strong auroral activity over the high latitude regions. Dark-sky middle latitude locations may be able to glimpse periods of this minor activity, if it occurs. The disturbance might also be too weak to produce any substantial enhancements of auroral activity.

There is no indication that this disturbance will be anywhere as large as the storm that occurred on 06/07 April. In all likelihood, it will be very much inferior to that event. Nevertheless, no one can or will know for certain how geoeffective the disturbance might be until after the disturbance reaches the Earth, assuming the disturbance exists.

For these reasons, we are issuing a Middle Latitude Auroral Activity Watch for the 13-14 April time frame, with heaviest emphasis on 13 April. This is a watch only, not a warning. In other words, it is intended to alert observers of the potential that exists for the possible development of auroral activity that might become visible from dark-sky middle latitude locations.

Anyone who believes they may have spotted auroral activity are encouraged to report their findings to:

http://www.spacew.com/www/subaurora.html

A near-real-time updated list of observations reported through this form page is available from: http://www.spacew.com/www/auroras.html

```
**  End of AstroAlert  **
-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.3 for non-commercial use <http://www.pgp.com>

iQA/AwUBOPR3f3crLsCta/vYEQIlewCg7ffQIUd53f2NRMBwgrO0mFo6HMUAn391
L67W0izBj+v0A1XIM1a/chHA
=GCEV
-----END PGP SIGNATURE-----


---
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```

5. [propnet] From S&T's News Bulletin for April 14, 2000

```
From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 15 Apr 2000 07:52:51 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-77713-2000.04.15-08.54.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
>LYRID METEORS PEAK NEXT WEEKEND
>
>The Lyrid meteor shower has been observed for more than 2,600 years;
>Chinese records say "stars fell like rain" in the shower of 687 B.C.
>But in recent times (apart from 1803) the Lyrids have generally been
>weak. They have a brief maximum that lasts for less than a day, and
>even then only 10 to 20 Lyrids per hour may appear. Prospects are not
>very favorable this year because of glare from the waning gibbous
>Moon. The best chance to see some Lyrids is the morning of April 22nd,
>just before morning twilight begins. Any meteor whose path, extended
>backward, goes within a few degrees of Vega is likely to be a Lyrid.


        LET'S GET ON PROPNET!

        7 3
        Earl


Earl Needham, KD5XB    mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico      DM84jk N34°25.446' W103°12.700' (or so)
PGP Key ID 0xAD6BFBD8

Pet peeve: breath is a noun,  breathe is a verb (When you take a breath,
you breathe...)


---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

6. [propnet] Good band!

```
From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 16 Apr 2000 08:25:19 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-77907-2000.04.16-09.27.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Good band last night/this morning.  I'm seeing K0UT-9 MOBILE near
Fort Collins:
K0UT-9>APRS,KB5ZFA-15,WA5IHL-11*:$GPRMC,135158.65,A,4028.4289,N,10457.7574,W
,00.0,000.0,160400,11.,E*7E
K0UT-9>APRS,KB5ZFA-15,WA5IHL-11*:$GPRMC,135958.70,A,4028.4283,N,10457.7553,W
,00.0,000.0,160400,11.,E*7D

        Also seeing KB0UUR-9 mobile in Colorado Springs:
KB0UUR-9>APRS,WA5IHL-11*,WIDE4-1:$GPRMC,135231,A,3853.384,N,10443.698,W,000.
0,208.9,160400,010.2,E*67

        And the KB0UUR digi, also in Colorado Springs:
KB0UUR>APRS,WA5IHL-11*,WIDE4:=3853.42N/10443.73W# tedngail@surfree.com
KB0UUR>APRS,WA5IHL-11*,WIDE4:=3853.42N/10443.73W# tedngail@surfree.com

        OUT of the area, I'm seeing N0AN, near Boone, Iowa:
N0AN>APW245,GATE,KE5PL-1*:=4205.45N/09400.73W_PHG9260/WinAPRS  -IABOOOGDEN
  -245-<530>
```

and N8YCL, in Cincinnati:
N8YCL>APW240,GATE,KE5PL-1,WA5IHL-11*:=3909.33N/08437.88W&PHG9102/Cincinnati
& SW Ohio 24h 365d HF GATEway -OHHAMCINCINNA-240-<520>

Both of the out-of-area stations apparently had HF links in their
path. Notice, too, that I heard the KE5PL-1 digi DIRECT, at a distance of
183 miles! Pretty good band this morning!

But still NOTHING on six meters, PROPNET...

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)
PGP Key ID 0xAD6BFBD8

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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7. [propnet] From S&T's News Bulletin for April 14, 2000

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 20 Apr 2000 07:52:39 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-78812-2000.04.20-08.54.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

I'm resending this as a reminder. Let's all get something going
for this weekend!

Earl

>LYRID METEORS PEAK NEXT WEEKEND
>
>The Lyrid meteor shower has been observed for more than 2,600 years;
>Chinese records say "stars fell like rain" in the shower of 687 B.C.
>But in recent times (apart from 1803) the Lyrids have generally been
>weak. They have a brief maximum that lasts for less than a day, and
>even then only 10 to 20 Lyrids per hour may appear. Prospects are not
>very favorable this year because of glare from the waning gibbous
>Moon. The best chance to see some Lyrids is the morning of April 22nd,
>just before morning twilight begins. Any meteor whose path, extended
>backward, goes within a few degrees of Vega is likely to be a Lyrid.

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.3 for non-commercial use <http://www.pgp.com>

iQA/AwUBOP8LpncrLsCta/vYEQK8fQCg0gpBn1LwJelVZH/2Iu8qGkeoofkAoNa1
eU9zr/b8n9vmoq+/Segzw3vU
=Mg+u
-----END PGP SIGNATURE-----

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8. [propnet] Fwd: [clovis_nm_astronomy] [skyline] S&T's News Bulletin for April 21, 2000

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 21 Apr 2000 22:08:20 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-79227-2000.04.22-08.57.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>LYRID METEORS PEAK TONIGHT
>
>The Lyrid meteor shower has been observed for more than 2,600 years;
>Chinese records say "stars fell like rain" in the shower of 687 B.C.
>But in recent times (apart from 1803) the Lyrids have generally been

>weak. They have a brief maximum that lasts for less than a day, and
>even then only 10 to 20 Lyrids per hour may appear. Prospects are not
>very favorable this year because of glare from the waning gibbous
>Moon. The best chance to see some Lyrids is the morning of April 22nd,
>just before morning twilight begins. Any meteor whose path, extended
>backward, goes within a few degrees of Vega is likely to be a Lyrid.

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34°25.446' W103°12.700' (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] [aprssig] Re: Interesting Find . . .

From: PropNET <PropNET@greeceny.com>
Date: Sat, 24 Apr 1999 13:53:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org, aprssig@tapr.org
Message-ID: <LYR1548-79522-2000.04.23-20.36.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Now I'm confused...but all that means is that I'm going to have to poke around a little more. :o)

> Ev, on 29 March I asked if this would work (on the APRSSIG), and I got several answers that APRS would
 no longer read the packets if MCOM was on. Through experimentation, I have found that WinAPRS will NOT
read packets properly if MSTAMP is on. :-(

In all fairness...all I tested was WinAPRS' File|Simulate function. It *will* decode APRS frames with
MStamp data embedded in them. I used a terminal package to capture posits to a .TXT file, then opened
the .TXT file with WinAPRS' Simulate
function. It worked! So I'm scratching my head over the "simulator playing it OK, but the main-engine
can't"-thing. Well, I'll poke around a bit and see. I'll let you know what I find out.

I will start whacking away at turning MStamp ON and decoding live data this evening. If the information
 that you got is correct, and it won't decode...then I need to make the authors aware of the need for
this function . . . a need that - if
incorporated (making xAPRS, PropNET compatible <g>) - will open up xAPRS use to a whole new facet of
users...VHF/UHF contesters (a soapbox that I've been on before, and won't revisit here -- for long
<smile>).

> BTW, I'm about to have a tracker together for 2 meters. As I also have 6 meters in the car, I was
considering running the transmit over on 6 as well. Both are 1200 BPS, aren't they?

Yes, both 1200. BTW...I've recently gotten word that PropNET has been officially coordinated on
53.530-MHz in Quebec and Northern New York (in addition to Ontario [Canada], Western New York and most
of 4-land [by SERA]. It's really starting to build
some excitement. Now if only the sun would let out a belch or two. :o)

See 'ya soon,
Ev, W2EV
--
Project: PropNET is . . .
the great self-running 6-meter propagation experiment!
To learn about PropNET: http://www.greeceny.com/propnet
To join the PropNET Listserve, send an email to:
mailto:listserv@tapr.org with a MESSAGE-text of:
subscribe propnet First_name Last_name

You are currently subscribed to aprssig as: MULVEYR@INAME.COM
To unsubscribe send a blank email to leave-aprssig-1717B@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: Get on-the-air...Es season is about to begin!

From: "Jack Plum" <jackplum@servtech.com>
Date: Wed, 26 Apr 2000 20:51:47 -0400

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-80181-2000.04.26-19.53.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,

Sorry for the dely in responding (and for getting to the hill - soon though)

The Syntor are good radios. We have a few VHF High Band units in our patrol
vehicle, I believe. That is from what I hear a good price but the Unidens
are even cheaper.

Jack
WX3P
----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, April 01, 2000 6:37 PM
Subject: [propnet] Get on-the-air...Es season is about to begin!

> Get on and get radio active!
>
> Surfing the UseNET newsgroup for radio sales, I came across the listings
> below. Now...I have no idea about these radios in particular but they
> look like a good way to get PropNET active! I'll bet that there are a
> LOT of folks subscribed to this listserve that are doing so without
> actually having any equipment operating on 53.530-MHz.
>
> Here's a nudge to get you to power-up. PropNET works...but only with
> YOU operating.
>
> Ev, W2EV
>
> ==
> Subject: FS: Motorola Syntor X (Low Band)
> Date: Sat, 25 Mar 2000 01:08:33 GMT
> From: n3ab@fast.net (JRS)
> Organization: Posted via Supernews, http://www.supernews.com
> Newsgroups: rec.radio.swap
>
> I have a 100 watt, 16 channel, low band Syntor X for sale. This radio
> is wide band and will cover from 29 to 54 MHz without tuning.
> Included is a 16 channel System 90 pushbutton head, mike, cable and
> speaker. Radio can be programmed for PL or DPL, has a built-in
> extender (noise blanker) and can be programmed to scan. Can program
> to suit. $195.00 includes shipping to lower 48.
>
> I also have some drawer units without accessories for $100.00 shipped.
>
> Money order only. Please e-mail if interested. Thanks for reading.
>
> John   N3AB
> n3ab@fast.net
>
> ==
>
> Subject: Azden Six Meter
> Date: 26 Mar 2000 21:23:49 GMT
> From: dave74107@aol.com (DAVE74107)
> Organization: AOL http://www.aol.com
> Newsgroups: rec.radio.swap
>
> Hello Group,
>
> I have a like new Azden 6 meter FM mobile mode; # PCS-7500H This is the
> later
> H model with the orange background screen. Very low hours with the
> origional
> box,hardware,manuals,packing material,etc. Works great. You won't be
> disapointed.
>
> $250.00 certified funds only & I'll ship CONUS.
>
> Thanks
> Dave de W5ATV
>
> ---
> You are currently subscribed to propnet as: JACKPLUM@SERVTECH.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Someboint this way!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 27 Apr 2000 07:28:44 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-80279-2000.04.27-08.47.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Been running WinAPRS on 53.530 since march 21 or so, and have heard
NOTHING. Sure wish somebody would point this way and see what we can do...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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12. [propnet] Re: Someboint this way!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 28 Apr 2000 06:31:06 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-80408-2000.04.28-05.33.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
Believe it or not, the "hotbeds" of PropNET activity are not in good
geometric position for success, yet. So far, it is a Northeast,
Southwest thing. Add to that, 6-meters hasn't been very productive
overall until fairly recently, it may be a while before the first
successes of '2000 pop.

Don't go away, though. We're pioneers. Sometimes things work that way
at first. A third Hub is about to pop-up in New York. I just wish
someone in Florida would put something up. The band seems open there
quite a bit (at least in the past...though not much so far this year)
from New York.

Keep the faith,
Ev, W2EV

btw...I'm just returning from a long absence. I have goofy computer
problems that head their ugly rears at the most inopportune times,
taking me off the listserve for blocks of days at a time, in case
someone is waiting for a reply to an email.

Earl Needham wrote:
>
>   Been running WinAPRS on 53.530 since march 21 or so, and have heard
> NOTHING. Sure wish somebody would point this way and see what we can do...
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0x00BF1A39
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
> ---

> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
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May 2000

Original source file: propnet.0005
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0005

1. [propnet] Two meters!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 06 May 2000 20:52:13 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-82219-2000.05.07-03.40.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not quite sure I believe this!

K9GD>APW245,WA5IHL-11*,WIDE2:@060720z4201.76N/08810.11W&000/000/ -245-<530>

      K9GD is 973 miles from here! ONE HOP!

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: Two meters!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 07 May 2000 08:46:09 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-82232-2000.05.07-07.49.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Very cool! Actually, two hops (if the packet started as WIDE2-2 and
ended as WIDE2)...but not bad either!

Folks, I have to appologize for the lack of activity here on my part.
Many of you are relatively new here, and didn't know that I'm the new
papa of twin boys (after 17 years of child-free marriage, I might add).
It's taken a strain on the ol' energy level. They're getting old enough
to allow me some "down time" again, so ... I'm baaaaaaack. :o)

Let's get PropNet rolling again!

I've had inquiries about putting it to use on 2-meters and 222-MHz.
There is interest, but not what one would consider to a point of
critical mass yet. (enough existing activity to keep itself alive
without prodding). Let's change that!

I'll be back at the keyboard this evening with more thoughts on
expanding activity even more. Earl...thanks for keeping the listserve
active over the last 5 months or so. I wish 6-meters would be more
cooperative between NM an NY!

See you all soon!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Re: Two meters!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 07 May 2000 06:45:13 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-82341-2000.05.07-17.49.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:52 PM 5/6/00 -0600, Earl Needham sent:

>   I'm not quite sure I believe this!
>
>K9GD>APW245,WA5IHL-11*,WIDE2:@060720z4201.76N/08810.11W&000/000/ -245-<530>
>
>   K9GD is 973 miles from here! ONE HOP!
>
>   7 3
>   Earl

      Oh well -- I was just informed that K9GD is an HF station that was
probably gated to VHF over in Amarillo...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: Two meters!

From: "Jon Pearl W4ABC" <w4abc@gte.net>
Date: Sun, 7 May 2000 22:47:00 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-82383-2000.05.07-21.48.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Congrats, and you're forgiven.

73, Jon Pearl W4ABC

----- Original Message -----
From: Ev Tupis (W2EV) <propnet@greeceny.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Sunday, May 07, 2000 8:46 AM
Subject: [propnet] Re: Two meters!

> Very cool! Actually, two hops (if the packet started as WIDE2-2 and
> ended as WIDE2)...but not bad either!
>
> Folks, I have to appologize for the lack of activity here on my part.
> Many of you are relatively new here, and didn't know that I'm the new
> papa of twin boys (after 17 years of child-free marriage, I might add).
> It's taken a strain on the ol' energy level. They're getting old enough
> to allow me some "down time" again, so ... I'm baaaaaaack. :o)

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5. [propnet] Fwd: AstroAlert: Middle Latitude Auroral Activity Watch - 11-14 May

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 10 May 2000 06:09:08 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-82989-2000.05.10-14.50.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Middle Latitude Auroral Activity Watch - 11-14 May
>To: sun-earth@skypub.com
>Date: Tue, 9 May 2000 21:18:42 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>

>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   Valid: 11-14 May (UTC days)
>   with emphasis for 11-13 May
>
>   -- Potential Category G2 Geomagnetic Storm --
>
>   Solar filaments are enormously large and dark strings of material that
>are suspended above the backdrop of the Sun's surface by powerful magnetic
>fields. When observed on the limbs of the Sun against the black background of
>space, they appear as bright clouds of material (known as prominences) that
>appear to hang magically above the surface of the Sun. Prominences and
>filaments are therefore different words used to describe the same physical
>phenomenon.
>
>   On 06 and 07 May, some interesting and potentially influential
>filamentary activity occurred on the Sun. Several small filaments disappeared
>as well as one very large and dense filament. These disappearances occur when
>the magnetic fields that hold the mass above the surface of the Sun becomes
>disrupted. With the magnetic fields disrupted, the suspended mass is no
>longer firmly held in place. The magnetic fields begin to rise outward into
>space along with the imprisoned mass. Eventually, the mass is ejected into
>interplanetary space and becomes a coronal mass ejection (or CME).
>
>   On 06 and 07 May, the disappearance of several filaments resulted in a
>mass ejection which has been determined to contain an Earthward directed
>component. This coronal mass ejection is predicted to impact the Earth
>sometime during the mid to late UTC hours of 11 May. The mass is not thought
>to be travelling at a very high velocity. As a result, it will take longer
>for the cloud of material to pass through the Earth system. Forecasters
>estimate the duration of this disturbance may be in the neighborhood of about
>36 to 48 hours, commencing sometime on 11 May.
>
>   Although the velocity of the ejected mass is not very high, there is a
>chance the magnetic fields associated with the ejected mass may be oriented
>favorably for increasing levels of goemagnetic and auroral activity at the
>Earth to near minor storm levels, with possible brief periods of major
>storming over the high latitude regions.
>
>   For these reasons, we are issuing a middle latitude auroral activity
>watch to cover the time period spanning from the early UTC hours of 11 May to
>14 May, but with heaviest emphasis on the UTC days of 12 and 13 May which
>should correspond to the interval of strongest auroral activity.
>
>   This auroral activity disturbance will NOT likely reach levels of
>intensity similar to those observed during the memorable aurora storm of 06
>April. A somewhat subdued disturbance is a more realistic expectation, with
>possible bursts of activity that may become more easily visible over fairly
>widespread middle latitude regions. The northern tier of U.S. states may
>observe activity, as well as extreme northern regions of Europe and Russia.
>New Zealanders as well as observers in extreme southeastern parts of
>Australia may also spot periods of activity.
>
>   The approximately > 50% illuminated waxing moon will interfere with
>attempts to view activity until after local midnight when the moon continues
>its travel toward the horizon. Observations near 3 am may be most productive,
>during the time when the moon begins to set and the sky becomes darker.
>
>   Anyone who believes they may have spotted auroral activity are
>encouraged to report their findings to:
>
>   http://www.spacew.com/www/subaurora.html
>
>   A near-real-time updated list of observations reported through this form
>page is available from:
>
>   http://www.spacew.com/www/auroras.html
>
>   Individuals with an appetite for photography may want to try
>photographing this activity, even if no activity is visible with the naked
>eye. Very often auroral activity becomes visible to the sensitive films of
>cameras that is not visible to the naked eyes. During the anticipated height
>of the storm, take a few extended exposures of the northern horizon (for
>northern hemisphere observers) or southern horizon (for observers in the
>southern hemisphere). Try various exposure settings ranging in time from

>perhaps 10 seconds to a full minute or more using a stable camera tripod.
>Experiment with various settings and use the widest angle lense you have to
>better capture more of the sky during the exposure. Try to find a location
>where the northern (or southern) horizons are free from light pollution. You
>may be surprised to find auroral activity visible on the film that you never
>observed with your eyes.
>
>
>** End of AstroAlert **

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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6. [propnet] Re: Fwd: AstroAlert: Middle Latitude Auroral Activity Watch - 11-14 May

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 11 May 2000 04:54:46 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83133-2000.05.11-03.58.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know if anyone has ever been successful in using FM (voice
or packet) on an auroral path? This may be something interesting to try
for a couple of well-equipped 6- or 2- meter stations! Tnx for the
alert, Earl.

Ev, W2EV

Earl Needham wrote:
>
> >From: Cary Oler <oler@solar.spacew.com>
> >Subject: AstroAlert: Middle Latitude Auroral Activity Watch - 11-14 May
> >To: sun-earth@skypub.com
> >Date: Tue, 9 May 2000 21:18:42 -0600 (MDT)
> >X-Mailer: ELM [version 2.5 PL1]
> >Sender: owner-sun-earth@skypub.com
> >
> >   A s t r o A l e r t
> >   Sun-Earth Alert
> >
> >   Solar Terrestrial Dispatch
> >   http://www.spacew.com
> >
> >   Valid: 11-14 May (UTC days)
> >   with emphasis for 11-13 May
> >
> >   -- Potential Category G2 Geomagnetic Storm --
> >
> >   Solar filaments are enormously large and dark strings of material that
> >are suspended above the backdrop of the Sun's surface by powerful magnetic
> >fields. When observed on the limbs of the Sun against the black background of
> >space, they appear as bright clouds of material (known as prominences) that
> >appear to hang magically above the surface of the Sun. Prominences and
> >filaments are therefore different words used to describe the same physical
> >phenomenon.
> >
> >   On 06 and 07 May, some interesting and potentially influential
> >filamentary activity occurred on the Sun. Several small filaments disappeared
> >as well as one very large and dense filament. These disappearances occur when
> >the magnetic fields that hold the mass above the surface of the Sun becomes
> >disrupted. With the magnetic fields disrupted, the suspended mass is no
> >longer firmly held in place. The magnetic fields begin to rise outward into
> >space along with the imprisoned mass. Eventually, the mass is ejected into
> >interplanetary space and becomes a coronal mass ejection (or CME).
> >
> >   On 06 and 07 May, the disappearance of several filaments resulted in a
> >mass ejection which has been determined to contain an Earthward directed
> >component. This coronal mass ejection is predicted to impact the Earth
> >sometime during the mid to late UTC hours of 11 May. The mass is not thought
> >to be travelling at a very high velocity. As a result, it will take longer

```
> >for the cloud of material to pass through the Earth system. Forecasters
> >estimate the duration of this disturbance may be in the neighborhood of about
> >36 to 48 hours, commencing sometime on 11 May.
> >
> >      Although the velocity of the ejected mass is not very high, there is a
> >chance the magnetic fields associated with the ejected mass may be oriented
> >favorably for increasing levels of goemagnetic and auroral activity at the
> >Earth to near minor storm levels, with possible brief periods of major
> >storming over the high latitude regions.
> >
> >      For these reasons, we are issuing a middle latitude auroral activity
> >watch to cover the time period spanning from the early UTC hours of 11 May to
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> >should correspond to the interval of strongest auroral activity.
> >
> >      This auroral activity disturbance will NOT likely reach levels of
> >intensity similar to those observed during the memorable aurora storm of 06
> >April. A somewhat subdued disturbance is a more realistic expectation, with
> >possible bursts of activity that may become more easily visible over fairly
> >widespread middle latitude regions. The northern tier of U.S. states may
> >observe activity, as well as extreme northern regions of Europe and Russia.
> >New Zealanders as well as observers in extreme southeastern parts of
> >Australia may also spot periods of activity.
> >
> >      The approximately > 50% illuminated waxing moon will interfere with
> >attempts to view activity until after local midnight when the moon continues
> >its travel toward the horizon. Observations near 3 am may be most productive,
> >during the time when the moon begins to set and the sky becomes darker.
> >
> >      Anyone who believes they may have spotted auroral activity are
> >encouraged to report their findings to:
> >
> >                    http://www.spacew.com/www/subaurora.html
> >
> >      A near-real-time updated list of observations reported through this form
> >page is available from:
> >
> >                     http://www.spacew.com/www/auroras.html
> >
> >      Individuals with an appetite for photography may want to try
> >photographing this activity, even if no activity is visible with the naked
> >eye. Very often auroral activity becomes visible to the sensitive films of
> >cameras that is not visible to the naked eyes. During the anticipated height
> >of the storm, take a few extended exposures of the northern horizon (for
> >northern hemisphere observers) or southern horizon (for observers in the
> >southern hemisphere). Try various exposure settings ranging in time from
> >perhaps 10 seconds to a full minute or more using a stable camera tripod.
> >Experiment with various settings and use the widest angle lense you have to
> >better capture more of the sky during the exposure. Try to find a location
> >where the northern (or southern) horizons are free from light pollution. You
> >may be surprised to find auroral activity visible on the film that you never
> >observed with your eyes.
> >
> >
> >**  End of AstroAlert  **
>
> Earl Needham, KD5XB    mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico         DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0x00BF1A39
>
> Pet peeve: breath is a noun,  breathe is a verb (When you take a breath,
> you breathe...)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

7. [propnet] Solar activity

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Thu, 11 May 2000 07:29:27 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83142-2000.05.11-06.33.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev:

I'm in Anchorage, Alaska this week on business. I haven't bought a Kenwood D7 to match my D700 yet, but
 I did bring an FM handheld. I'll listen on 144.39 and see if I hear that 'ol warble.

Todd Ellis, N2XL

8. [propnet] Fwd: AstroAlert: Updated Middle Latitude Auroral Activity Watch - 11 May

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 11 May 2000 06:16:35 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83153-2000.05.11-07.25.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Updated Middle Latitude Auroral Activity Watch - 11 May
>To: sun-earth@skypub.com
>Date: Wed, 10 May 2000 21:57:50 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>                              A s t r o  A l e r t
>                                Sun-Earth Alert
>
>                            Solar Terrestrial Dispatch
>                              http://www.spacew.com
>
>                           Valid: 11-15 May (UTC days)
>                           with emphasis for 12-14 May
>
>                     * ADDENDUM TO PREVIOUS AURORA WATCH *
>
>      A second large solar coronal mass ejection is now headed toward the
>Earth following a long-duration minor solar flare and filament eruption at
>19:41 UTC on 10 May. This second coronal mass ejection is travelling at a
>higher velocity than the one which is due to impact the Earth over the next
>24 hours (mid-to-late UTC hours of 11 May) and should impact the Earth's
>magnetosphere during the late UTC hours of 13 May or the early UTC hours of
>14 May.
>
>      The effect of this second coronal mass ejection impacting the Earth will
>be to prolong the period of potential auroral activity from 12 through to 14
>May (inclusive).
>
>      We have broken down the dates and times for this potential activity
>below:
>
>
>FIRST DISTURBANCE
>-----------------
>
>      Expected Arrival: 12:00 to 24:00 UTC 11 May
>                        (sometime between 8 am and 8 pm EDT on 11 May)
>                                 probably closer to 8 pm EDT.
>
>    Potential Duration: up to 48 hours.
>
>    End of Disturbance: 14 May.
>
>
>SECOND DISTURBANCE
>------------------
>
>      Expected Arrival: Between 18:00 UTC 13 May and 09:00 UTC on 14 May
>                        (between 2 pm EDT on 13 May and 5 am EDT on 14 May)
>                                 probably closer to 11 pm on 13 May.
>
>    Potential Duration: up to 24 hours.
>
>    End of Disturbance: 15 May.
>
>
>NOTE:
>
```

>   The times listed for the second disturbance are based on preliminary
>data and may be adjusted upward or downward when a more complete dataset is
>analysed later on 11 May. But what is listed here is probably pretty close.
>
>PS: Solar observers may want to pay close attention to the southeast solar
>limb, where there are signs that a hotter than normal (and possibly more
>complex than normal) active sunspot region may soon rotate into view.
>
>
>** End of AstroAlert **

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Long Paths

From: "Ben Pollard" <ws5r@arrl.net>
Date: Thu, 11 May 2000 15:39:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83240-2000.05.11-15.44.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had some long packets come in last nite/ this morning.

K5MLW>APRS,K5MLW-2,KB5WIO-7*,WIDE3:!3247.32N/08906.94W- Michael (Home
Station) Philadelphia, MS.   750 miles

KB0WZI-3>BEACON,W5CDM-1,KB5WIO-7*,WIDE:!3713.43NT09314.38W#PHG6440/W-R-T...w
ww.qsl.net/smac   507 miles but thru a digi 320 miles SW of here!

KF0ZH>APR819,KB5WIO-7*,WIDE2:@111022z4447.06N/09329.48W_216/001g005t059r000p
021
790 miles

Just thought some of these were interesting.

73,
Ben
WS5R>APW243:=3514.06N/10149.58WyPHG5230/WinAPRS
2.4.5 -TXPOTAMARILLO-243-<530>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] [Fwd: [ui-view] 2-meter Transatlantic?]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 12 May 2000 07:07:32 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83314-2000.05.12-06.10.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Gang,
I thought I'd share a couple of trial-balloons that I launched. :o) I'd
be interested to know if there are any listserve subscribers in Nova
Scotia or Maine or other US East Coast areas that may be interested in
participating.
Ev, W2EV

11. [propnet] [Fwd: [ui-view] 6-meter Transatlantic?]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 12 May 2000 07:10:55 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83315-2000.05.12-06.14.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a followup to the 2-meter Transatlantic posting of a couple of
minutes ago. You will notice that the frequency listing does not
correspond to what we are using on PropNET in the USA. That's because
there is no allocation at 53.53 in the UK.

Instead, I am suggesting we find a frequency that is common to both
sides of the Atlantic. I am willing to setup a KPC4 TNC to translate
53.53 to whatever common frequency is found to assure a link between the
two (and pass this traffic).

Again, just fyi for now, but I thought you'd be interested.

Regards,
Ev, W2EV

http://go.to/propnet

12. [propnet] Re: Long Paths

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 12 May 2000 07:12:26 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83316-2000.05.12-06.15.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben,
This is really cool! Were you able to link this event with a weather
front of any kind?
Ev, W2EV
btw...thanks for sharing!

Ben Pollard wrote:
>
> Had some long packets come in last nite/ this morning.
>
> K5MLW>APRS,K5MLW-2,KB5WIO-7*,WIDE3:!3247.32N/08906.94W- Michael (Home
> Station) Philadelphia, MS.   750 miles
>
> KB0WZI-3>BEACON,W5CDM-1,KB5WIO-7*,WIDE:!3713.43NT09314.38W#PHG6440/W-R-T...w
> ww.qsl.net/smac   507 miles but thru a digi 320 miles SW of here!
>
> KF0ZH>APR819,KB5WIO-7*,WIDE2:@111022z4447.06N/09329.48W_216/001g005t059r000p
> 021
> 790 miles
>
> Just thought some of these were interesting.
>
> 73,
> Ben
> WS5R>APW243:=3514.06N/10149.58WyPHG5230/WinAPRS
> 2.4.5 -TXPOTAMARILLO-243-<530>
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

13. [propnet] [Fwd: [WSVHF] Test Tropo Index Map!]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Fri, 12 May 2000 07:29:27 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83318-2000.05.12-06.35.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How well does this align with the long distance stuff that was recently
reported here? Just curious!

btw...this is something that is in development. So far, this fellow's
information has correlated well with FM packet openings.

Ev, W2EV

14. [propnet] Re: FM on aurora

From: "John Kirk, VE6XT" <jakirk@calcna.ab.ca>
Date: Fri, 12 May 2000 18:36:38 -0600 (MDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83455-2000.05.12-19.41.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We get a *lot* of aurora, here, Ev, and I'd say it would be next to
impossible on pure aurora, since the phase information is not preserved.
Auroral E, on the other hand, would be a piece of cake. We get a weird
mode of auroral e here, particularly on N/S paths that consists of very
short au-e intermixed with the usual aurora. The au-e is pleny long enough
for the usual aprs blast.
The kicker is, of course, that no one is at the other end on APRS or
otherwise to test it out. Anyone in Yellowknife qrv?
73
John

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15. [propnet] Tropospheric Maps now On Line!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 14 May 2000 17:51:51 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83865-2000.05.14-16.55.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here are a bunch of links that you may be interested in bookmarking for
the summer tropo season, Prop-ers! :o)

I inquired as to the static locations in hopes of convincing the WinAPRS
authors to build-in support for these sites much in the same way that
they did for intellicast maps (which keep moving).

Enjoy!
Ev, W2EV

Hi Ev...

 The map files are always in the same place on the website. You should
be
able to link directly to them. They are at..

http://www.iprimus.ca/~hepburnw/eam1.gif
http://www.iprimus.ca/~hepburnw/eam2.gif
http://www.iprimus.ca/~hepburnw/eam3.gif
http://www.iprimus.ca/~hepburnw/wam1.gif
http://www.iprimus.ca/~hepburnw/wam2.gif
http://www.iprimus.ca/~hepburnw/wam3.gif
http://www.iprimus.ca/~hepburnw/car1.gif
http://www.iprimus.ca/~hepburnw/car2.gif
http://www.iprimus.ca/~hepburnw/car3.gif

  This way they should automatically update whenever I update them. I
hope
this helps!

  Bill.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] KL7 Operation

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 15 May 2000 05:57:12 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-83967-2000.05.15-05.00.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Todd Ellis wrote:
>
> Ev:

> I'm in Anchorage, Alaska this week on business. I haven't bought a
> Kenwood D7 to match my D700 yet, but I did bring an FM handheld. I'll
> listen on 144.39 and see if I hear that 'ol warble.
> Todd Ellis, N2XL

Hi Todd!
I seem to remember someone saying that APRS was just starting to take a
foothold in KL7 land. If you get a connection, drop us a note to let us
know the callsigns of any digipeater you may have linked thorough, would
you? I'm finding the folks who run those are likely to be interested in
PropNET hub operation, too.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Fw: [Texas APRS] Re: Band Opening

From: "Ben Pollard" <ws5r@arrl.net>
Date: Mon, 15 May 2000 07:40:05 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-84003-2000.05.15-07.43.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "James Smith K9APR" <squirmy@kiva.net>
To: <TexasAPRS@itexas.net>
Cc: "David VanHorn" <dvanhorn@cedar.net>
Sent: Monday, May 15, 2000 12:55 AM
Subject: [Texas APRS] Re: Band Opening

> Hello Gang,
>
> Well we had a real quick band opening here in Indiana and I thought, I
> would share this with Group. This was received between 23:10:50 -
> 23:10:53pm
>
> WB5EZO-15>K9XT-3*>WIDE5-2>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> APRS Digi www.urfmsi.org
>
WB5EZO-15>KG9CN-10*>WIDE5-1>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> APRS Digi www.urfmsi.org
> WB5EZO-15>KC6ETE-3*>WIDE5>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> APRS Digi www.urfmsi.org
>
> K9XT-3 is located 1188.52 miles from WB5EZO-15.
>
> 73,James
>
>
> ---
> This message was sent via the TexasAPRS Re-Mailer.
> ---
> To be removed from this list send an Email to:
texasaprs-request@itexas.net with the word UNSUBSCRIBE as the message. To
obtain instructions for other commands, send an EMail to
TexasAPRS-Request@itexas.net with the single word HELP as the message.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Re: [RM-APRS] Fw: [Texas APRS] Re: Band Opening

From: James Smith K9APR <squirmy@kiva.net>
Date: Mon, 15 May 2000 10:58:22 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: RM-APRS@egroups.com,
        TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>,
        TexasAPRS@itexas.net
Message-ID: <LYR1548-84044-2000.05.15-10.55.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,

You bring up a very valuable point but I don't have the answer nor do I know where to obtain it. But you

can figure from the path that their was two more digi's involved in getting WB5EZO-15 here, Wide5-4 would have been the first and Wide5-3 before
K9XT-3 so wish I knew the other two.

Word this morning is it made it too Lewisburg,Ohio I have included what was emailed too me this am.

WB5EZO-15>K9XT-3*>WIDE5-2>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk APRS Digi www.urfmsi.org
WB5EZO-15>KG9CN-10*>WIDE5-1>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk APRS Digi www.urfmsi.org
WB5EZO-15>KC6ETE-3*>WIDE5>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk APRS Digi www.urfmsi.org
WB5EZO-15>KC8HFX-10>WIDE5*>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk APRS Digi www.urfmsi.org

73, James

Earl Needham wrote:

> At 07:40 AM 5/15/00 -0500, Ben Pollard forwarded from "James Smith K9APR"
> <squirmy@kiva.net>:
> <snip>
> > Well we had a real quick band opening here in Indiana and I thought, I
> > would share this with Group. This was received between 23:10:50 -
> > 23:10:53pm
> >
> > WB5EZO-15>K9XT-3*>WIDE5-2>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> > APRS Digi www.urfmsi.org
> >
> WB5EZO-15>KG9CN-10*>WIDE5-1>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> > APRS Digi www.urfmsi.org
> > WB5EZO-15>KC6ETE-3*>WIDE5>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> > APRS Digi www.urfmsi.org
> >
> > K9XT-3 is located 1188.52 miles from WB5EZO-15.
>
>   Darn! A 3-second band opening!
>
>   The next question is -- where were the OTHER digis in the
> chain? Notice all the paths are WIDE5-3, WIDE5-1, or WIDE5, indicating
> that several other digis were involved.
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0x00BF1A39
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
> ---
> This message was sent via the TexasAPRS Re-Mailer.
> ---
> To be removed from this list send an Email to: texasaprs-request@itexas.net with the word UNSUBSCRIBE as the message. To obtain instructions for other commands, send an EMail to TexasAPRS-Request@itexas.net with the single word HELP as the message.

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Re: [RM-APRS] Fw: [Texas APRS] Re: Band Opening

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Mon, 15 May 2000 18:56:05 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-84125-2000.05.15-17.57.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Excuse my possible ignorance, but what band was this on?

Joe, N1MNU

----- Original Message -----
From: "James Smith K9APR" <squirmy@kiva.net>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: <RM-APRS@egroups.com>; "TAPR APRS PropNet Discussion Group"
<propnet@lists.tapr.org>; <TexasAPRS@itexas.net>

Sent: Monday, May 15, 2000 11:58 AM
Subject: [propnet] Re: [RM-APRS] Fw: [Texas APRS] Re: Band Opening

> Earl,
>
> You bring up a very valuable point but I don't have the answer nor do I know where to obtain it. But you can figure from the path that their was two more digi's involved in getting WB5EZO-15 here, Wide5-4 would have been the first and Wide5-3 before
> K9XT-3 so wish I knew the other two.
>
> Word this morning is it made it too Lewisburg,Ohio I have included what was emailed too me this am.
>
> WB5EZO-15>K9XT-3*>WIDE5-2>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk APRS Digi www.urfmsi.org
>
WB5EZO-15>KG9CN-10*>WIDE5-1>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk APRS Digi www.urfmsi.org
> WB5EZO-15>KC6ETE-3*>WIDE5>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk APRS Digi www.urfmsi.org
> WB5EZO-15>KC8HFX-10>WIDE5*>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk APRS Digi www.urfmsi.org
>
> 73, James
>
>
> Earl Needham wrote:
>
> > At 07:40 AM 5/15/00 -0500, Ben Pollard forwarded from "James Smith K9APR"
> > <squirmy@kiva.net>:
> > <snip>
> > > Well we had a real quick band opening here in Indiana and I thought, I
> > > would share this with Group. This was received between 23:10:50 -
> > > 23:10:53pm
> > >
> > >
WB5EZO-15>K9XT-3*>WIDE5-2>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> > > APRS Digi www.urfmsi.org
> > >
> >
WB5EZO-15>KG9CN-10*>WIDE5-1>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> > > APRS Digi www.urfmsi.org
> > >
WB5EZO-15>KC6ETE-3*>WIDE5>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
> > > APRS Digi www.urfmsi.org
> > >
> > > K9XT-3 is located 1188.52 miles from WB5EZO-15.
> >
> >   Darn! A 3-second band opening!
> >
> >   The next question is -- where were the OTHER digis in the
> > chain? Notice all the paths are WIDE5-3, WIDE5-1, or WIDE5, indicating
> > that several other digis were involved.
> >
> >   7 3
> >   Earl
> >
> > Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> > Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> > PGP Key ID 0x00BF1A39
> >
> > Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> > you breathe...)
> >
> > ---
> > This message was sent via the TexasAPRS Re-Mailer.
> > ---
> > To be removed from this list send an Email to:
texasaprs-request@itexas.net with the word UNSUBSCRIBE as the message. To obtain instructions for other commands, send an EMail to
TexasAPRS-Request@itexas.net with the single word HELP as the message.
>
>
> ---
> You are currently subscribed to propnet as: jpupecki@mediaone.net

> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

20. [propnet] Re: [RM-APRS] Fw: [Texas APRS] Re: Band Opening

From: Earl Needham <kd5xb@amsat.org>
Date: Mon, 15 May 2000 16:11:56 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-84128-2000.05.15-18.13.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:56 PM 5/15/00 -0400, you wrote:
>Excuse my possible ignorance, but what band was this on?
>
>Joe, N1MNU

Two meters. 144.39.

Earl

Earl Needham,
KD5XB
<mailto:KD5XB@AMSAT.ORG>mailto:KD5XB@AMSAT.<mailto:KD5XB@AMSAT.ORG>ORG
Clovis, New Mexico DM84jk N34d 25.446 W103d 12.700 (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

21. [propnet] Re: Long Paths

From: "Ben Pollard" <ws5r@arrl.net>
Date: Mon, 15 May 2000 19:49:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-84152-2000.05.15-19.53.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,
Really can't put my finger on any particular weather phenamun, it was just a
good tropo day here. On an average day I have 80 to 100 stations on my
screen, a good day I'll have 150 to 200 across AZ, NM, OK and TX. If the
band gets good, i've seen 300+ stations all via 2m, from the above states
plus LA, MS, GA, SC,MO, AR and CA. Never have seen anything from FL though
will keep the sig posted as we are getting into our prime tropo season.

73,
Ben

> > K5MLW>APRS,K5MLW-2,KB5WIO-7*,WIDE3:!3247.32N/08906.94W- Michael (Home
> > Station) Philadelphia, MS.   750 miles
> >
> >
KB0WZI-3>BEACON,W5CDM-1,KB5WIO-7*,WIDE:!3713.43NT09314.38W#PHG6440/W-R-T...w
> > ww.qsl.net/smac   507 miles but thru a digi 320 miles SW of here!
> >
> >
KF0ZH>APR819,KB5WIO-7*,WIDE2:@111022z4447.06N/09329.48W_216/001g005t059r000p
> > 021
> > 790 miles
> >
> > Just thought some of these were interesting.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

22. [propnet] Re: [RM-APRS] Fw: [Texas APRS] Re: Band Opening

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 15 May 2000 07:51:42 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TexasAPRS@itexas.net
Message-ID: <LYR1548-84169-2000.05.15-22.13.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:40 AM 5/15/00 -0500, Ben Pollard forwarded from "James Smith K9APR"
<squirmy@kiva.net>:
<snip>
 > Well we had a real quick band opening here in Indiana and I thought, I
 > would share this with Group. This was received between 23:10:50 -
 > 23:10:53pm
 >
 > WB5EZO-15>K9XT-3*>WIDE5-2>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
 > APRS Digi www.urfmsi.org
 >
WB5EZO-15>KG9CN-10*>WIDE5-1>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
 > APRS Digi www.urfmsi.org
 > WB5EZO-15>KC6ETE-3*>WIDE5>APRS:!3414.82NN10547.31W#PHG6830/A=008615/Galpk
 > APRS Digi www.urfmsi.org
 >
 > K9XT-3 is located 1188.52 miles from WB5EZO-15.

      Darn! A 3-second band opening!

      The next question is -- where were the OTHER digis in the
chain? Notice all the paths are WIDE5-3, WIDE5-1, or WIDE5, indicating
that several other digis were involved.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

23. [propnet] Quick Note on new WinAPRS feature and Re: Long Paths

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 16 May 2000 06:10:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-84205-2000.05.16-05.14.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben Pollard wrote:
>
> Ev,
> Really can't put my finger on any particular weather phenamun, it was just a
> good tropo day here. On an average day I have 80 to 100 stations on my
> screen, a good day I'll have 150 to 200 across AZ, NM, OK and TX. If the
> band gets good, i've seen 300+ stations all via 2m, from the above states
> plus LA, MS, GA, SC,MO, AR and CA. Never have seen anything from FL though
> will keep the sig posted as we are getting into our prime tropo season.

Hi Ben,
Thanks! I'm really looking forward to corelating your observations with
the Hepburn Tropo maps (URL's posted earlier). As it turns out...those
maps are already in a format to be used by WinAPRS much in the same way
that the Intellicast weather maps were! The difference is that Bill
Hepburn (the author of the maps) has agreed to keep them statically
located, specifically so that the WinAPRS authors could link to 'em!

I forwarded that information to Keith, who responded with, "COOL!!!!!!
I'll work on it asap!". Mark had a similar reaction, but let me know
that he's heading to Dayton and to remind him in a couple of weeks if
nothing came out sooner.

It will be interesting to see if this actually happens. It could be a
real boon to the PropNET for sure.

Regards,

Ev

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24. [propnet] Re: [RM-APRS] Fw: [Texas APRS] Re: Band Opening

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Wed, 17 May 2000 19:44:56 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-84551-2000.05.17-18.48.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks!!!

----- Original Message -----
From: "Earl Needham" <kd5xb@amsat.org>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Monday, May 15, 2000 6:11 PM
Subject: [propnet] Re: [RM-APRS] Fw: [Texas APRS] Re: Band Opening

> At 06:56 PM 5/15/00 -0400, you wrote:
> >Excuse my possible ignorance, but what band was this on?
> >
> >Joe, N1MNU
>
>   Two meters. 144.39.
>
>   Earl
>
>
> Earl Needham,
> KD5XB
> <mailto:KD5XB@AMSAT.ORG>mailto:KD5XB@AMSAT.<mailto:KD5XB@AMSAT.ORG>ORG
> Clovis, New Mexico   DM84jk N34d 25.446 W103d 12.700 (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: jpupecki@mediaone.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

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25. [propnet] UK & US Packet Frequency Commonalities

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 20 May 2000 06:56:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: PropNet Listserve Group <propnet@lists.tapr.org>,
       UK APRS Listserve <APRSUK@onelist.com>
Message-ID: <LYR1548-84982-2000.05.20-08.52.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've asked about possible commonalities between the US and UK bandplans
on 6 and 2-meters for the purpose of suggesting that we setup a
Transaltlantic PropNET link, running 24/7. After a web search, this is
what I came across:

Frequency: 50.59 .60 .61 .62 .63 .64 .65 .66 .67 .68 .69 .70 .71
RSGB   ~~~ Digital Communications ~~~~~~~~~~~~~~~~~~~~|
ARRL |~~~ Digital Communications ~~~~~~~~~~~~~~~~~~~
                       |NCF|
NOTE: NCF=USA National Packet Calling Frequency

We appear to have a common allocation between 50.60 and 50.70 MHz!

Frequency: 144.89 .90 .91 .92 .93 .94 .95 .96 .97 .98 .99 .00 .10
RSGB   ~~~ Digital Communications ~~~~~~~~~~~~~~~~|
ARRL |~~~ Digital Communications (odd channels)~~~~~

We appear to have a common allocation between 144.90 and 144.99 MHz!

Here's the offer. I am willing to explore setting up the US side of the
circuit, complete with either...
... a cross-frequency link on 6-meters to 53.53-MHz so that anything
that comes through from the UK will be seen by North American PropNet
network (establishing itself on that frequency).
-or-
... a Hub that transmits on 53.530 MHz to the UK, and listens on a
frequency that is within the UK packet subband.
-or-
(something else not thought of yet)

Additionally, on 2-meters, there is risk of significant QRM on the US
side of the circuit because of the proliferation of packet in the noted
subband. So the offer is similar. I'm willing to setup a Hub, pointing
toward the UK on a mutually agreeable frequency within the noted range,
with a cross-frequency link to 147.585 (for US PropNET operations), or
something entirely different (suggestions?).

So I'm now interested in some feedback from the UK side of things. Any
constructive input as to appropriate frequency or frequency combination?

Evhen Tupis, W2EV

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26. [propnet] 222-MHz Frequency Usage?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 22 May 2000 21:15:13 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85450-2000.05.22-20.34.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Believe it or not, there is local interest in setting up a PropNET Hub
on the 222-MHz band, to study propagation on the band along the Great
Lakes. According to the ARRL bandplan there are several subbands that
seem like they are worth looking into, including . . .

222.15-222.25 Local coordinator's option; weak signal,
              ACSB, repeater inputs, control
223.40-223.52 FM simplex
223.52-223.64 Digital, packet
223.64-223.70 Links, control
223.71-223.85 Local coordinator's option; FM simplex,
              packet, repeater outputs

Of these, the best candidates seem to be:
223.52-223.64 Digital, packet
223.64-223.70 Links, control

In keeping with the spirit of attempting to locate PropNET as far from
the SSB/CW portion as possible, I'm looking at the 223.64-.70 segment.
Is there a national channel spacing convention for this band or is it
goofy like 2-meters? I'm thinking about the first "channel" below
223.70-MHz (is that 223.69-MHz?).

Any thoughts as to how this frequency is being used across the USA,
PropNETers?

Ev, W2EV

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27. [propnet] Re: 222-MHz Frequency Usage?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 22 May 2000 20:02:36 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85455-2000.05.22-21.13.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:15 PM 5/22/00 -0400, Ev Tupis (W2EV) sent:
>Believe it or not, there is local interest in setting up a PropNET Hub
>on the 222-MHz band, to study propagation on the band along the Great
>Lakes. According to the ARRL bandplan there are several subbands that
>seem like they are worth looking into, including . . .
><snip>
>Of these, the best candidates seem to be:
>223.52-223.64 Digital, packet
>223.64-223.70 Links, control
>
>In keeping with the spirit of attempting to locate PropNET as far from
>the SSB/CW portion as possible, I'm looking at the 223.64-.70 segment.

      Let me get this out of the way first --

      Since the "great grab" by UPS (and others???), I have heard NOTHING,
EVER, below 222.

      Now, let em ask -- didn't the FCC authorize 218-220 for
point-to-point (data only) amateur use, by prior notification of the FCC or
nearby Coast Guard stations or something? If so, that might be the place
to go. Far enough away from the weak-signal ops, it might work out great.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

28. [propnet] Re: Running six meters here

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 22 May 2000 22:05:35 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85515-2000.05.23-01.01.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:47 PM 3/21/00 -0700, Earl Needham wrote:

>   OK -- since nothing seemed to be happening, I've set up
> operations on 53.530. No, I'm not running meteor scatter, I'm running
> regular WinAPRS with a position every 5 minutes.
>
>   Since I'm only running 10 watts, I guess I'm REALLY hoping to
> receive someone else's signal. How about it y'all -- point something
> this way on 53.530. and let's see what we can do.

      Two months to the day, having heard nothing at all, I've taken my TNC
from 6 meters and put it back in my car, as a tracker. Maybe next time...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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29. [propnet] Meteor Shower now?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 22 May 2000 22:06:55 -0600

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85516-2000.05.23-01.01.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there some meteor shower occurring now? I've been outside after
dark two nights in a row and seen meteors both nights...

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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30. [propnet] Re: Running six meters here

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 23 May 2000 06:06:47 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85537-2000.05.23-06.01.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   Two months to the day, having heard nothing at all, I've taken my TNC
> from 6 meters and put it back in my car, as a tracker. Maybe next time...

Three points to keep in mind . . .
. . . 6 meters has been slow to come alive for everyone
. . . we are just now entering the Es season (it will
      peak over the next two months
. . . PropNET is a pioneering mode, it will take a
      little time to gather momentum. We're pioneers
      in a great wilderness. :o)

Thanks for joining us, even if it was for just a short while. Here's
hoping we'll see you back as ol' Sol gathers even more fury.

Regards,
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

31. [propnet] Re: Meteor Shower now?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 23 May 2000 06:32:13 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85538-2000.05.23-06.02.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
>   Is there some meteor shower occurring now? I've been outside after
> dark two nights in a row and seen meteors both nights...

Yes. We are coming up to two "minor" events, known to have fewer than
30/hr and fairly slow rocks. Conventional wisdom dictates that they
aren't worth much of an effort for radio work. Ev

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32. [propnet] Re: 222-MHz Frequency Usage?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 23 May 2000 07:01:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85540-2000.05.23-06.05.17--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

>   Now, let em ask -- didn't the FCC authorize 218-220 for
> point-to-point (data only) amateur use, by prior notification of the FCC or
> nearby Coast Guard stations or something? If so, that might be the place
> to go. Far enough away from the weak-signal ops, it might work out great.

Hmmm. Aren't these meant to be backbone frequencies (point-to-point as
you mentioned) and specifically for high speed data? Either way, with
special permission needed, and the lack of off-the-shelf equipment
available, I doubt they are good candidates for this application. But I
like the way you're thinking! :o)

Ev

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33. [propnet] Re: 222-MHz Frequency Usage?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 23 May 2000 07:50:50 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85565-2000.05.23-09.03.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:01 AM 5/23/00 -0400, Ev Tupis (W2EV) wrote:
> >   Now, let em ask -- didn't the FCC authorize 218-220 for
> > point-to-point (data only) amateur use, by prior notification of the FCC or
> > nearby Coast Guard stations or something? If so, that might be the place
> > to go. Far enough away from the weak-signal ops, it might work out great.
>
>Hmmm. Aren't these meant to be backbone frequencies (point-to-point as
>you mentioned) and specifically for high speed data? Either way, with
>special permission needed, and the lack of off-the-shelf equipment
>available, I doubt they are good candidates for this application. But I
>like the way you're thinking! :o)

      You know what else I'm thinking?
      I have an old 220 rig here, and it appears to share EVERYTHING the
similar 2-meter rig has, except the RF deck. The software seems to be
similar. I've been tempted to try the "MARS mod" on it to see if I can get
it down below 220.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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34. [propnet] Re: Running six meters here

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 23 May 2000 07:52:22 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85629-2000.05.23-14.49.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:06 AM 5/23/00 -0400, Ev Tupis (W2EV) wrote:
><snip>
>Thanks for joining us, even if it was for just a short while. Here's
>hoping we'll see you back as ol' Sol gathers even more fury.

      Oh I'll be back on 6, you can count on it! It's just that I want to
use my tracker for a while, too. When I get another TNC in the house, 6
meters will be a permanent thing.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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35. [propnet] Re: 222-MHz Frequency Usage?

From: Doug Reed <n0nas@amsat.org>
Date: Tue, 23 May 2000 19:26:16 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85681-2000.05.23-19.29.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:50 AM 5/23/2000 -0600, you wrote:
>At 07:01 AM 5/23/00 -0400, Ev Tupis (W2EV) wrote:
>> >   Now, let em ask -- didn't the FCC authorize 218-220 for
>> > point-to-point (data only) amateur use, by prior notification of the
FCC or
>> > nearby Coast Guard stations or something? If so, that might be the place
>> > to go. Far enough away from the weak-signal ops, it might work out
great.

The amateur allocation below 220 is a secondary allocation with the primary
being some sort of inland waterways marine telephone (sort of?) system.
There are stations all over the country, mostly around navigable rivers and
coastline. If I remember right, they wanted something like 150 mile
protection radius from "potentially interfering" signals. That is why any
use of those frequencies must first be coordinated.

If I remember the procedure properly, the local frequency coordinator
should take the site and equipment detail, much as they would for a
repeater, and forward it to the ARRL. The ARRL then sends the paperwork on
to the primary company using the frequencies. They are supposed to search
their records and decide if the frequency and spacing will cause
interference. If they say its OK, the word comes back down and you can
start building. But as I recall, no operation is allowed until permission
is received. And the ARRL is the only point of contact with the commercial
company. They don't even want to tell us what frequencies are used in any
area so a non-interfering frequency can be chosen.

As I recall, the ARRL committee charged with deciding how to use the
allocation looked at the facts of limited operational areas, limited
frequencies, and fixed operation only. The best suggestion was to use the
frequencies for cross-band high speed data. It couldn't be open for general
use because of the coordination requirements. It was a poor choice for
repeater operation because it would require odd channel spacing. It is
really a lousy choice for almost any wide spread activity because the
frequencies are already used in most highly populated areas since most
large cities are water ports of some sort.

>   You know what else I'm thinking?
>   I have an old 220 rig here, and it appears to share EVERYTHING the
>similar 2-meter rig has, except the RF deck. The software seems to be
>similar. I've been tempted to try the "MARS mod" on it to see if I can get
>it down below 220.
>Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG

Well, you can at least listen and see if you hear anything. But I couldn't
begin to suggest what frequency or mode to listen with. I'd say that
getting authorization to transmit is probably a lost cause if you live
within 100 miles of water..... Good luck.

73. Doug Reed, N0NAS

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36. [propnet] Band Opening

From: "Ben Pollard" <ws5r@arrl.net>
Date: Wed, 24 May 2000 07:42:43 -0500

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85816-2000.05.24-07.46.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had a band opening last nite, here are a few stations heard. Checked the
tropo index and it does correspnd. Ev, I'll try to shoot you a screen shot
later.

73,
Ben

W4IZ-1>APRS,NWCSTL,OKCITY,KB5WIO-7*,TRACE3:!2952.47NN08125.05W#PHG6460 W/T/R
NOFARS/KF4MX ST AUG, FL jimmor@aug.com
1250 miles

WA4RWS-3>APRS,KB5WIO-7,WA5IHL-9*:!3203.96NN08341.33W#PHG3364 Vienna, GA
WIDEN-N DIGI
1100 miles

KE4FNU-7>APR817,KB5WIO-7*,WIDE5:>292012zDave@Stockbridge,Ga
1000 miles

KF4NAT>APW245,KF4BJM,CHNDLR,WS5R-3,KB5WIO-7*,TRACE4:=3050.66N/08322.03W_PHG2
100/WinAPRS 2.4.5 -GABROVALDOSTA-245-<530>
1100 miles

KD4QIA-7>BEACON,KB5WIO-7*,WIDE4-1:!3328.40NN08649.95W#PHG5660/B'Ham Al.
KD4QIA@SCOTT.NET
900 miles

These are just a few, have a total of 13 Al, GA and FL stations on screen
plus some from MS, TN, AR and MA.

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37. [propnet] Re: Band Opening

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 24 May 2000 07:09:50 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-85819-2000.05.24-08.23.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:42 AM 5/24/00 -0500, Ben Pollard wrote:
>Had a band opening last nite, here are a few stations heard. Checked the
>tropo index and it does correspnd. Ev, I'll try to shoot you a screen shot
>later.
>
>73,
>Ben

      I had similar results here yesterday morning, with stations as far
east as -- seems like either Macon or Atlanta. I didn't report it, as the
last time I did on the APRSSIG I was told it came through an IGATE somewhere...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

38. [propnet] Fwd: [WSVHF] IPS Aurora Alert - 24 05 00 12

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 24 May 2000 07:18:06 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-85878-2000.05.24-14.08.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>X-Sender: vhfw8wn@mail.bbtel.com
>X-Mailer: Windows Eudora Light Version 3.0.1 (16)
>Date: Wed, 24 May 2000 12:21:46 +0000
>To: hsms@qth.net, wsvhf@qth.net
>From: "Shelby Ennis, W8WN" <w8wn@amsat.org>
>Subject: [WSVHF] IPS Aurora Alert - 24 05 00 12
>Sender: owner-wsvhf@qth.net
>Reply-To: "Shelby Ennis, W8WN" <w8wn@amsat.org>
>
> >Delivered-To: rwc-aurora-alert-outgoing@ipso.ips.gov.au
> >Delivered-To: rwc-aurora-alert@ipso.ips.gov.au
> >Delivered-To: rwc-aurora-alert@ips.gov.au
> >From: Regional Warning Centre <rwc@ips.gov.au>
> >Date: Wed, 24 May 2000 22:19:13 +1000 (EST)
> >To: rwc-aurora-alert@ips.gov.au
> >Subject: IPS Aurora Alert - 24 05 00 12
> >Sender: owner-rwc-aurora-alert@ips.gov.au
> >
> >
> >SUBJ: IPS AURORA ALERT
> >ISSUED AT 1219 UT on 24 May 2000 BY IPS RADIO AND SPACE SERVICES
> >FROM THE AUSTRALIAN SPACE FORECAST CENTRE
> >
> >
> >GEOMAGNETIC STORM IN PROGRESS. AURORA MAY BE OBSERVED
> >DURING LOCAL NIGHT TIME HOURS IN GOOD OBSERVING CONDITIONS
> >AT HIGH LATITUDE REGIONS (GREATER THAN 55 DEGREES LATITUDE).
> >
> >
> >This alert is not subject to forecaster validation. It is
> >automatically issued from autoscaled data which may produce
> >a false alarm on rare occasions.
> >
> >IPS would appreciate any feedback from people observing an
> >aurora giving details of location and time. Please email to
> >asfc@ips.gov.au
> >
> >More information about IPS Aurora Alerts can be found on
> >Web page www.ips.gov.au/mail-lists/aurora_alerts.html
> >
> >
> >
> >IPS Radio and Space Services | email: asfc@ips.gov.au
> >PO Box 1386 | WWW: http://www.ips.gov.au/asfc
> >Haymarket NSW 1240 AUSTRALIA | FTP: ftp://ftp.ips.gov.au/users/asfc/
> >tel: +61 2 9213 8010 | fax: +61 2 9210 8060
> >
> >
> >

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

39. [propnet] Re: 222-MHz Frequency Usage?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 24 May 2000 06:10:32 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86250-2000.05.25-05.03.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I couldn't put my finger on that level of detail quickly. Thanks for
refreashing my memory on the use of 219-mhz, Doug. Good info!
Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

40. [propnet] Re: Band Opening

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 25 May 2000 06:39:16 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-86258-2000.05.25-05.43.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben,
These are very interesting catches. I'm appreciative that they are from
stations using TRACEn-N digipeats in their UI paths, proving that they
were DX rather than GATEs.

Excellent Catch! I'm going to attempt to setup an ftp: server for folks
to upload screenshots for everyone to enjoy, too. I just gotta find the
time. :o)

Ev, W2EV

Ben Pollard wrote:
>
> Had a band opening last nite, here are a few stations heard. Checked the
> tropo index and it does correspnd. Ev, I'll try to shoot you a screen shot
> later.
>
> 73,
> Ben
>
> W4IZ-1>APRS,NWCSTL,OKCITY,KB5WIO-7*,TRACE3:!2952.47NN08125.05W#PHG6460 W/T/R
> NOFARS/KF4MX ST AUG, FL jimmor@aug.com
> 1250 miles
>
> WA4RWS-3>APRS,KB5WIO-7,WA5IHL-9*:!3203.96NN08341.33W#PHG3364 Vienna, GA
> WIDEN-N DIGI
> 1100 miles
>
> KE4FNU-7>APR817,KB5WIO-7*,WIDE5:>292012zDave@Stockbridge,Ga
> 1000 miles
>
> KF4NAT>APW245,KF4BJM,CHNDLR,WS5R-3,KB5WIO-7*,TRACE4:=3050.66N/08322.03W_PHG2
> 100/WinAPRS 2.4.5 -GABROVALDOSTA-245-<530>
> 1100 miles
>
> KD4QIA-7>BEACON,KB5WIO-7*,WIDE4-1:!3328.40NN08649.95W#PHG5660/B'Ham Al.
> KD4QIA@SCOTT.NET
> 900 miles
>
> These are just a few, have a total of 13 Al, GA and FL stations on screen
> plus some from MS, TN, AR and MA.
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
PropNET: an automated network, designed to
study propagation anomolies.   Intreagued?
http://www.RochesterNY.org/PropNET

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

41. [propnet] Re: Band Opening

From: Doug Reed <n0nas@amsat.org>
Date: Thu, 25 May 2000 07:18:46 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86271-2000.05.25-07.21.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:39 AM 5/25/2000 -0400, you wrote:
>Excellent Catch! I'm going to attempt to setup an ftp: server for folks
>to upload screenshots for everyone to enjoy, too. I just gotta find the
>time. :o)
>Ev, W2EV

What would be more useful would be the same sort of Internet data
collection and JAVA based web page display that is becoming common for
APRS. Actually, I've been assuming that you either had something working or
were planning it. (I haven't checked your web page for over a year.....)

Personally, I've got to get off my duff and order crystals for my GE MASTR
II and buy a TNC-3 somewhere so I can install a PropNet site in St Paul. I
already have access to a water tower site with a 6M vertical mounted on

top. I just need to assemble and install the electronics.

After that I wanted to add a web page to our local packet club web server (www.twinslan.org) for a JAVA PropNet display. The purpose of that would be for anyone local who wants to watch for openings but doesn't have packet equipment setup. I'd planned to have that linked to your national data circuit so it could display the national PropNet system too. Actually, it would be more natural for the national JAVA PropNet page to be on the TAPR server but I'd still want my local JAVA page..... Part of the problem is that I know what I want but not how the existing Internet APRS network works.....

Oh well, still have too many projects for the time available...

73. Doug Reed, N0NAS

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

42. [propnet] Re: 222-MHz Frequency Usage?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 25 May 2000 07:25:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86279-2000.05.25-08.33.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:26 PM 5/23/00 -0500, Doug Reed sent:
><snip>
>The amateur allocation below 220 is a secondary allocation with the primary
>being some sort of inland waterways marine telephone (sort of?) system.
>There are stations all over the country, mostly around navigable rivers and
>coastline. If I remember right, they wanted something like 150 mile
>protection radius from "potentially interfering" signals. That is why any
>use of those frequencies must first be coordinated.

<snip of good info>

Doug, do you have any info on 220-222? As I sent earlier, since UPS' grab, I've never heard anything in there.

Thanks,
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

43. [propnet] Re: 222-MHz Frequency Usage?

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Thu, 25 May 2000 18:44:00 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86419-2000.05.25-17.37.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can add a little here...

The FCC allocated the 2 MHz to commmercial and public safety users in 1992. Only a few licenses were granted. In 1998, the FCC opened the spectrum again to auction off the remaining channels, of which there were MANY. The biggie here is that anyone putting a system up on 220 MHz has to be 6.25 KHz channel spacing compliant, which excludes any FM operation at all. The mode of preference is Amplitude Compandered Side Band, or ACSB. There are two manufacturers of the equipment, and I work with one of them for various power utility clients across the country. BTW, I'm a communications consultant with a sizeable firm here in Raleigh, NC.

I'm just glad someone is using the)*^$&^$# spectrum!!

Todd Ellis, N2XL

----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
>
>   Doug, do you have any info on 220-222? As I sent earlier, since
UPS'
> grab, I've never heard anything in there.
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

44. [propnet] Re: 222-MHz Frequency Usage?

From: Doug Reed <n0nas@amsat.org>
Date: Fri, 26 May 2000 23:55:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86739-2000.05.26-23.57.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:25 AM 5/25/2000 -0600, you wrote:
>At 07:26 PM 5/23/00 -0500, Doug Reed sent:
>   Doug, do you have any info on 220-222? As I sent earlier, since UPS'
>grab, I've never heard anything in there.
>Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG

I really haven't heard anything about it. 220-222 got swallowed in a black
hole. My understanding is that the FCC required ACSSB and UPS couldn't get
the equipment cheap enough to be economical. So I don't really have a clue
whether or not there is anyone using the frequencies. But I do feel its
impossible for a government agency to say "Oops, we made a mistake, take it
back."

73. Doug Reed, N0NAS

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

45. [propnet] Re: 222-MHz Frequency Usage?

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Sat, 27 May 2000 06:11:40 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86781-2000.05.27-05.04.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I really haven't heard anything about it. 220-222 got swallowed in a black
> hole. My understanding is that the FCC required ACSSB and UPS couldn't get
> the equipment cheap enough to be economical. So I don't really have a clue
> whether or not there is anyone using the frequencies. But I do feel its
> impossible for a government agency to say "Oops, we made a mistake, take
it
> back."

Securicor's mobile radio is being purchased wholesale for about $400. It's
not expensive.

Todd Ellis, N2XL

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

46. [propnet] Re: 222-MHz Frequency Usage?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 27 May 2000 10:15:05 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86810-2000.05.27-09.33.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >   Doug, do you have any info on 220-222? As I sent earlier, since UPS'
> >grab, I've never heard anything in there.
> >Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
>
> I really haven't heard anything about it. 220-222 got swallowed in a black
> hole. My understanding is that the FCC required ACSSB and UPS couldn't get
> the equipment cheap enough to be economical. So I don't really have a clue
> whether or not there is anyone using the frequencies. But I do feel its
> impossible for a government agency to say "Oops, we made a mistake, take it
> back."

Doug brings up an interesting question. Since the FCC actually licenses
by frequency (at least that's my meager understanding), there ought to
be a searchable database of all licensees and the channels to which
they're licensed (other than ham, of course). It would sure be
interesting to see who has actually been licensed for the 220-222 band,
no? Not that this has much of an impact on anything other than for pure
intelectual interest. Hmmmmm. :o)

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

47. [propnet] Re: Band Opening

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 27 May 2000 10:36:23 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86817-2000.05.27-09.41.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doug Reed wrote:
>
> At 06:39 AM 5/25/2000 -0400, you wrote:
> >Excellent Catch! I'm going to attempt to setup an ftp: server for folks
> >to upload screenshots for everyone to enjoy, too. I just gotta find the
> >time. :o)
> >Ev, W2EV
>
> What would be more useful would be the same sort of Internet data
> collection and JAVA based web page display that is becoming common for
> APRS. Actually, I've been assuming that you either had something working or
> were planning it. (I haven't checked your web page for over a year.....)
>
> Personally, I've got to get off my duff and order crystals for my GE MASTR
> II and buy a TNC-3 somewhere so I can install a PropNet site in St Paul.

Yeah, that's my problem too. Too many projects in the works and not
enough time to do 'em. :o)

After a long discussion with Steve Dimse on the subject, it appears as
though the APRServe system he developed for APRS144.39 won't handle data
input from PropNET at the same time (and keep it seperate for
analysis). So...I decided to setup a parallel system for PropNET work
(as you figgured). I have the hardware, the internet connection and the
software, just no time to plug it all together right now. <sign>

Hang in there, though...it's coming :o)
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

48. [propnet] Re: 222-MHz Frequency Usage?

From: "Gregory E. Lyon" <lyonge@direcpc.com>
Date: Sat, 27 May 2000 13:15:22 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86861-2000.05.27-15.18.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looking at the FCC Frequency Database, 220-222 MHz is allocated for Private
Land Mobile Services, and it's being used.

Greg Lyon
N7YAP

> -----Original Message-----
> From: bounce-propnet-12856@lists.tapr.org
> [mailto:bounce-propnet-12856@lists.tapr.org]On Behalf Of Doug Reed
> Sent: Friday, May 26, 2000 9:55 PM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Re: 222-MHz Frequency Usage?
>
>
> At 07:25 AM 5/25/2000 -0600, you wrote:
> >At 07:26 PM 5/23/00 -0500, Doug Reed sent:
> >   Doug, do you have any info on 220-222? As I sent earlier,
> since UPS'
> >grab, I've never heard anything in there.
> >Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
>
> I really haven't heard anything about it. 220-222 got swallowed in a black
> hole. My understanding is that the FCC required ACSSB and UPS couldn't get
> the equipment cheap enough to be economical. So I don't really have a clue
> whether or not there is anyone using the frequencies. But I do feel its
> impossible for a government agency to say "Oops, we made a
> mistake, take it
> back."
>
> 73. Doug Reed, N0NAS
>
> ---
> You are currently subscribed to propnet as: n7yap@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

49. [propnet] Re: 222-MHz Frequency Usage?

From: "Jack Plum" <jackplum@servtech.com>
Date: Sat, 27 May 2000 16:20:43 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-86862-2000.05.27-15.23.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Doug brings up an interesting question. Since the FCC actually licenses
> by frequency (at least that's my meager understanding), there ought to
> be a searchable database of all licensees and the channels to which
> they're licensed (other than ham, of course). It would sure be
> interesting to see who has actually been licensed for the 220-222 band,
> no? Not that this has much of an impact on anything other than for pure
> intelectual interest. Hmmmmm. :o)
>
> Ev, W2EV

Ev, I did a search recently and there are about 6 licensed sites in Ontario
County (NY) for the 220-222 band.
On the 219-220, it is my understanding that it is for high speed (100kbs+)
point-to-point links along wiht the non-interference to the maritime
interests.

See you next week. I'll be there Friday and maybe Sat morn.

Jack WX3P

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

50. [propnet] Re: 222-MHz Frequency Usage?

From: Doug Bade <doug@ohioaprs.net>
Date: Mon, 29 May 2000 14:04:34 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-87188-2000.05.29-09.06.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As an operator of 220-222 in the commercial world, I will confirm the band
is definitely in use. UPS has nothing to do with it any more... the FCC
lotteried licenses in the first phase, and under the current White

House,and Congress administrations the FCC has auctioned off the spectrum
to the highest bidder. The spectrum was bought by commercial interests in
most large cities... If and when they choose to use it , they will... ACSB
is not the only authorized mode , the FCC has said that users may implement
whatever technology they can as long as it meets an emission mask of 5khz,
or if they have multiple channels in a row, they may aggregate for a wider
technology if the operator chooses... The band was allocated a trunk groups
of 5 or 10 channels, most are spaced every 150khz in blocks of 5 with
repeater inputs 1 mhz higher, starting with 220.0025.. I hope this helps a
little.. doug kb8gvq

At 10:15 AM 5/27/00 -0400, you wrote:
>> >   Doug, do you have any info on 220-222? As I sent earlier, since UPS'
>> >grab, I've never heard anything in there.
>> >Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
>>
>> I really haven't heard anything about it. 220-222 got swallowed in a black
>> hole. My understanding is that the FCC required ACSSB and UPS couldn't get
>> the equipment cheap enough to be economical. So I don't really have a clue
>> whether or not there is anyone using the frequencies. But I do feel its
>> impossible for a government agency to say "Oops, we made a mistake, take it
>> back."
>
>Doug brings up an interesting question. Since the FCC actually licenses
>by frequency (at least that's my meager understanding), there ought to
>be a searchable database of all licensees and the channels to which
>they're licensed (other than ham, of course). It would sure be
>interesting to see who has actually been licensed for the 220-222 band,
>no? Not that this has much of an impact on anything other than for pure
>intelectual interest. Hmmmmm. :o)
>
>Ev, W2EV
>
>
>
>---
>You are currently subscribed to propnet as: doug@clecom.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

51. [propnet] Band Designation

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 30 May 2000 18:56:35 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-87508-2000.05.30-18.00.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK folks, I've been giving some thought to the ability to designate the
band from which a PropNET packet was launched. I have some random
thoughts on the topic. I would appreciate any feedback that other
PropNETers might offer.

Suppose we embed/encode the TOCALL of the packet?

For instance, denoting a 6-meter station:
W0ZZZ-1>CQ6,HOP4-4:[EN31XX]

Or maybe even embed the station type in the TOCALL as well:
HUB: W0ZZZ-1>HU6,HOP4-4:[EN31XX]
PEER: W0ZZZ-1>PE6,HOP4-4:[EN31XX]
CLIENT: W0ZZZ-1>CL6,HOP4-4:[EN31XX]

Or how about the first 10 meter to 6 meter gate:
W0ZZZ-1>GA10-2,HOP4-4:[EN31XX]

Or the first 2 meter to 6 meter gate:
W0ZZZ-1>GA6-2,HOP4-4:[EN31XX]

I have no idea how/if these would be decoded by APRS software as it
exists, but it seems like a simple/elegent solution to a problem that
doesn't exist yet...but will soon.

Thoughts? Comments?

Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

52. [propnet] Re: Band Designation

From: calfano <calfano@worldnet.att.net>
Date: Tue, 30 May 2000 20:29:31 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-87524-2000.05.30-19.32.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,

Been using Gate6 to gate 2 to 6 down here..

Charlie

"Ev Tupis (W2EV)" wrote:
>
> OK folks, I've been giving some thought to the ability to designate the
> band from which a PropNET packet was launched. I have some random
> thoughts on the topic. I would appreciate any feedback that other
> PropNETers might offer.
>
> Suppose we embed/encode the TOCALL of the packet?
>
> For instance, denoting a 6-meter station:
> W0ZZZ-1>CQ6,HOP4-4:[EN31XX]
>
> Or maybe even embed the station type in the TOCALL as well:
> HUB: W0ZZZ-1>HU6,HOP4-4:[EN31XX]
> PEER: W0ZZZ-1>PE6,HOP4-4:[EN31XX]
> CLIENT: W0ZZZ-1>CL6,HOP4-4:[EN31XX]
>
> Or how about the first 10 meter to 6 meter gate:
> W0ZZZ-1>GA10-2,HOP4-4:[EN31XX]
>
> Or the first 2 meter to 6 meter gate:
> W0ZZZ-1>GA6-2,HOP4-4:[EN31XX]
>
> I have no idea how/if these would be decoded by APRS software as it
> exists, but it seems like a simple/elegent solution to a problem that
> doesn't exist yet...but will soon.
>
> Thoughts? Comments?
>
> Ev
>
> ---
> You are currently subscribed to propnet as: CALFANO@WORLDNET.ATT.NET
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--
ned!
[Attachment: calfano.vcf; text/x-vcard; 184 bytes]
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,782 bytes]

53. [propnet] PropNET Band Designations-Part II

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 31 May 2000 06:37:41 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-87598-2000.05.31-05.41.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought the sig would be interested in this note from Bob B. I floaed
the idea of using a TOCALL embedded band designation using "CQ#", and
this was his response:

-----Bob B. wrote:--------------------------
APRSdos wildcards anything beginning with CQ.... I dont know about
SProuls. Orignally they didnt wildcard but I tried to convince them
that
they should..

ALso test with the Kenwoods...

Otherwise a good idea..

bob

So it sounds like I will be asking the WinAPRS and APRS+ authors if they
wildcard on CQ or not. If so, it sounds like we have an easy way to
distinguish band of operation and still maintian full compatibility with
the APRS service!

Just FYI for now.
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

June 2000

Original source file: propnet.0006
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0006

1. [propnet] Fwd: AstroAlert: Potential Major X-Class Solar Flare Warning

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 05 Jun 2000 22:09:15 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-88950-2000.06.05-23.23.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Potential Major X-Class Solar Flare Warning
>To: sun-earth@skypub.com
>Date: Mon, 5 Jun 2000 14:43:29 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>                              A s t r o  A l e r t
>                                Sun-Earth Alert
>
>                           Solar Terrestrial Dispatch
>                             http://www.spacew.com
>
>                                Valid: Immediately
>
>                    * Potential X-Class Solar Flare Warning *
>
>      A sunspot complex now beginning to rotate near the center of the visible
>solar disk, has the potential to produce significant solar flare activity.
>The sunspot group, named as NOAA Region number 9026, is identified in the
>solar image available at: http://www.spacew.com/astroalert.html
>
>      The group is large and has recently been given the most complex magnetic
>classification possible: beta-gamma-delta. This refers to the distribution
>and types of magnetic fields contained within the sunspot complex and
>basically defines a sunspot group that contains an unusual mixture of
>magnetic polarities as well as an area where two umbral spots having opposite
>magnetic polarities are contained within a single penumbral zone.
>
>      A detailed analysis of the magnetic fields contained within Region 9026
>today have revealed the presence of very strongly sheared magnetic fields
>within the leader spot complex. We expect to see additional significant major
>M-class or X-class (the most powerful x-ray flare rated) solar flares from
>this spot complex over the coming days.
>
>      Region 9026 has already spawned several major M-class solar flares, but
>all of them occurred when the sunspot group was located near the eastern limb
>of the Sun. The last major flare occurred on 03 June. Since then, the sunspot
>group has rotated toward a location that places it much more directly in
>front of the Earth (near the center of the Sun's visible disk). Any future
>major energetic solar events from Region 9026 may be associated with coronal
>mass ejections which would be "pointed" more directly at the Earth over the
>next several days.
>
>      Solar observers are encouraged to watch Region 9026 closely. The
>magnetic delta configuration is located within the leader sunspot penumbral
>area. Energetic activity is expected to involve that area of Region 9026.
>White-light flares are always a remote possibility with complex and large
>sunspot groups, so observers may want to pay close attention to the leader
>spot complex of Region 9026 for signs of white-light flaring.
>
>
>** End of AstroAlert **


---
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```

2. [propnet] Fwd: [aprssig] June's Invisible Meteors

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 05 Jun 2000 22:22:43 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89058-2000.06.06-05.36.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>X-Sender: blitz@mail.macronet.net
>Date: Mon, 05 Jun 2000 20:27:11 -0400
>To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
>From: blitz <blitz@macronet.net>
>Subject: [aprssig] June's Invisible Meteors
>List-Unsubscribe: <mailto:leave-aprssig-17790R@lists.tapr.org>
>List-Software: Lyris Server version 3.0
>List-Subscribe: <mailto:subscribe-aprssig@lists.tapr.org>
>List-Owner: <mailto:owner-aprssig@lists.tapr.org>
>X-Message-Id: <3.0.5.32.20000605202711.0088b540@mail.macronet.net>
>Sender: bounce-aprssig-17790@lists.tapr.org
>
>Meteor chasers, take note:
>
>
> >Subject: June's Invisible Meteors
> >
> >NASA Science News for June 6, 2000
> >
> >During the next week thousands of meteors will streak through
> >the sky, but don't expect to see many. They are the Arietids and
> >zeta Perseids -- the most intense daytime meteor showers of the
> >year. The best way for many meteor enthusiasts to enjoy the show
> >is by listening to meteor echoes on a common FM or ham radio.
> >
> >FULL STORY at
> >
> >http://spacescience.com/headlines/y2000/ast06jun_1m.htm?list
> >__

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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3. [propnet] Fwd: AstroAlert: Major X-Class WHITE-LIGHT Solar Flare Alert - 06 June

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 07 Jun 2000 08:14:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89310-2000.06.07-09.22.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Major X-Class WHITE-LIGHT Solar Flare Alert - 06 June
>To: sun-earth@skypub.com
>Date: Tue, 6 Jun 2000 23:42:11 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   06 June 2000
>
>   * Major X-Class WHITE-LIGHT Solar Flare Alert *
>   * Stereo Movie of X-Class Flare *
>
>   Detailed images, movies and resources available at:
>   http://www.spacew.com/astroalert.html
>
>(We apologize for the delay in posting this. It has taken a while to
>assemble the resources together after performing all the post-flare
>analyses that are required.)
>
>   Active sunspot region number 9026 produced a flurry of very energetic
>solar activity on 06 June. Two X-class flares occurred between 13:10 and
>17:00 UTC (9:10 am and 1:00 pm EDT) on 06 June. The largest X-class flare was
>an enormous X2.3 x-ray event. In the light of hydrogen, the flaring region
>covered an area so large you could fit roughly 30 times the entire surface

>area of the Earth within it.
>
>   Today's most powerful X2 solar flare was a rare WHITE-LIGHT flare.
>A white-light flare is a brightening of the visible photospheric surface of
>the Sun. Anyone observing the Sun with a simple telescope equipped with a
>filter that cuts down the brightness of the Sun to safe levels could have
>observed this event. It occurred at 16:06 UTC and lasted a couple of minutes
>just as x-rays were increasing to X-class levels. Images and even a movie
>of this event were captured by Antonio Sanchez-Ibarra at the University of
>Sonora (Estacion de Observacion Solar [EOS]) using a CCD video camera at the
>continuum. A movie of this event is available at:
>http://cosmos.cifus.uson.mx/eosdata.htm. We congratulate the group there at
>EOS for a job well done in capturing this event!
>
>   An enormous coronal mass ejection, part of which is headed toward the
>Earth, was observed in conjunction with today's major flare activity. Images
>and movies of the progress of the halo coronal mass ejection are available at
>the URLs: http://www.spacew.com/astroalert.html and:
>http://www.spacew.com/c2 or: http://www.spacew.com/c3. The velocity of the
>coronal mass ejection was clocked to near 1,200 kilometers per second (4.3
>million kilometers per hour or 2.7 million miles per hour) by measuring the
>radio emissions created by the supersonic shockwave of the disturbance as it
>travelled outward through the inner part of the solar corona.
>
>   This Earth-directed disturbance is expected to slam into the Earth's
>magnetosphere sometime during the mid-to-late UTC hours of 08 June
>(mid-morning to late afternoon, Eastern Daylight Time on 08 June). The
>disturbance may hit the Earth with a velocity near or in excess of 2.8
>million kilometers per hour (or 1.8 million miles per hour), or about twice
>the normal velocity of the solar wind.
>
>   There is a chance the pressure of the solar wind against the
>magnetosphere might be strong enough to push the boundary of the
>magnetosphere inside the orbit of geosynchronous satellites. The passage of
>satellites into the harsher domain of the magnetosheath (which is a more
>turbulent region that separates the quiet inner shell of the magnetosphere
>from the solar wind) can caused some satellites to begin pointing incorrectly
>at the Earth. Historically, some satellites have lost control completely and
>have begun tumbling when they have crossed the magnetopause boundary.
>Exposure to the more direct effects of the solar wind can also degrade the
>life-span of solar arrays and other exposed surfaces. Increases in radiation
>levels in space resulting from the disturbed conditions produced by the
>disturbance may also result in single event upsets on spacecraft electronics
>caused by surface charging anomalies. And increased atmospheric drag caused
>by the ballooning of the Earth's atmosphere during increased periods of
>geomagnetic and auroral activity can lower the orbital altitudes of orbiting
>spacecraft. All of these effects may play a role in the upcoming events.
>
>   Auroral activity is expected to increase to storm levels on 08 and 09
>June. Whether activity will become strong enough to observe from many middle
>or low latitude locations won't be known for certain until after the
>disturbance begins passing the Earth when spacecraft will be able to directly
>sample the characteristics of the solar wind. But forecasters have a hunch
>the disturbance could be moderately large, perhaps in the G2 to G4 category
>range for geomagnetic storms (on a scale from G1 [minor] to G5 [extreme]).
>
>   Region 9026 does not appear to have changed very significantly following
>today's major solar flare. We'll know more tommorrow, but for now it still
>appears to be a potentially very volatile sunspot group. Additional major M
>and X class flares are possible. And even another white-light flare may be
>observed.
>
>   Among the various movies and images describing this event is one which
>stands apart from the rest. The Solar Terrestrial Dispatch, in collaboration
>with the Kanzelhohe Solar Observatory and the National Solar Observatory at
>Sacramento Peak, New Mexico, has produced an experimental stereoscopic movie
>spanning 30 minutes (or 13 frames) of the major flare observed today (a small
>portion of the overall event). This is, to our knowledge, the first ever
>near-realtime stereoscopic movie of a major X-class solar flare in the light
>of hydrogen. Those who are interested can find it at:
>http://www.spacew.com/stereo-flare.mpg. To see the 13 frames in stereo, look
>THROUGH your monitor, forcing your eyes to focus beyond the plane of your
>monitor's screen until the two solar images merge into a single stereo view
>of the Sun. Tilt your head very slightly left or right, or move your head
>toward or away from the monitor until the images merge into a single coherent
>view of the Sun. Then (without changing focus), have your movie viewing
>software begin playing the movie in a loop. It's aesthetically rather cool
>and scientifically potentially valuable to produce these types of movies.
>

>
>** End of AstroAlert **

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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4. [propnet] Fwd: AstroAlert: Middle Latitude Auroral Activity WARNING - 08-09 June

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 07 Jun 2000 08:15:27 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89374-2000.06.07-12.34.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Middle Latitude Auroral Activity WARNING - 08-09 June
>To: sun-earth@skypub.com
>Date: Wed, 7 Jun 2000 02:18:17 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   Valid: 08 and 09 June 2000
>
>   * Middle Latitude Auroral Activity WARNING *
>   * Low Latitude Auroral Activity WATCH *
>
>   A potentially significant solar coronal mass ejection is currently
>in-transit toward the Earth. Impact of this disturbance is expected during
>the mid to late UTC hours of 08 June. Its arrival is expected to herald an
>intensification of auroral activity. Minor to major auroral storming may be
>observed over possible widespread middle (and possibly some dark-sky low)
>latitude locations on the evenings of 08 and/or 09 June. Heaviest emphasis is
>currently placed on 09 June, although this will depend to a large extent on
>precisely _when_ the disturbance impacts.
>
>   There is no question that this disturbance will impact the Earth. The
>question is how intense the resulting auroral activity might become. This is
>a question which ultimately will not be answerable until after the
>disturbance reaches the vicinity of the Earth where spacecraft can probe the
>interior of the disturbance upstream of the Earth. From that information, we
>will be able to determine much more accurately how the disturbance should
>progress.
>
>   We have appended below the official release of the middle latitude
>auroral activity warning, which includes roughly estimated boundaries for
>observing activity. However, keep in mind that these are estimates only based
>on anticipated peak auroral storm levels. Whether your local region
>experiences peak storm conditions depends in a large measure on factors
>beyond anyones control (timing of arrival, dimensions of the disturbance
>impacting the Earth, characteristics of the solar wind within the
>disturbance, and much more).
>
>   This is a potentially significant disturbance and should be treated
>seriously by those who would like to observe auroral activity. Plan your most
>intensive observing sessions after the moon sets and prior to local twilight
>conditions (but don't necessarily limit your observations to those times or
>you may miss the most intense phases of activity). For this event, the moon
>will set between 2 and 3 am local time, providing optimally dark skies in the
>hour or two prior to moonset and for the next few hours prior to sunrise.
>
>   Avoid city lights. Get away to a rural location where city or other
>lights minimally pollute the northern horizon of the sky (or southern horizon
>if you live in the southern hemisphere).
>
>   Take along a camera with a tripod. During your observing session, take a

>few extended duration exposures of the horizon, even if you don't see
>anything with your eyes. You may be surprised what shows up on film.
>
>   Binoculars or a small telescope may help, if for no other reason than to
>help pass the time while waiting for auroral storming to produce bursts of
>visible activity.
>
>   Before you go out, check the Internet for possible signs of activity.
>Ground-based reports from other individuals around the world are available
>at: http://www.spacew.com/www/auroras.html. Reports of auroral activity there
>can provide you with information on the latitudinal extent of auroral
>activity visibility. Current auroral activity information can also be
>obtained at: http://www.spacew.com/www/aurora.html. Other sites of interest
>include the Canadian Space Agency's near-realtime aurora plot at:
>http://www.dan.sp-agency.ca/www/globe/rtoval.htm, their photometric plots at:
>http://www.sp-agency.ca/www_forms/rt_mpa.htm, and their all-sky imager at:
>http://www.sp-agency.ca/www_forms/rt_asi.htm.
>
>   Other useful sites include the Geophysical Institute at the University
>of Fairbanks Alaska (www.gi.alaska.edu) and Mark Hauns automatic aurora
>monitors (http://angwin.csl.uiuc.edu/~haunma/aurora). There is also handy
>software available that will provide you with near-realtime notification of
>auroral activity, based on current solar wind conditions (see:
>http://www.spacew.com/www/geolert.html or for SEROIUS observers:
>http://www.spacew.com/swarm).
>
>   PLEASE report any sightings of activity you make (whether immediately or
>several days after the event) to: http://www.spacew.com/www/subaurora.html
>so we can maintain a permanent archive of world-wide ground-based sightings
>for future study and reference.
>
>   The official middle latitude auroral activity warning, issued at
>07:05 UTC on 07 June is included below:
>
>
>VALID BEGINNING AT: 12:00 UTC 08 JUNE
>VALID UNTIL: 19:00 UTC ON 10 JUNE
>
>   HIGH RISK PERIOD: 08 - 09 JUNE (UTC DAYS)
>MODERATE RISK PERIOD: 08 - 10 JUNE
>
>PREDICTED ACTIVITY INDICES: 12, 35, 60, 30 (07 JUNE - 10 JUNE)
>
>POTENTIAL MAGNITUDE OF MIDDLE LATITUDE AURORAL ACTIVITY: MODERATE TO HIGH
>
>POTENTIAL DURATION OF THIS ACTIVITY: MAIN BELT = 12 TO 18 HOURS
>   MINOR BELT = 24 TO 36 HOURS
>
>ESTIMATED OPTIMUM OBSERVING CONDITIONS: AFTER APPROX. 2 AM LOCAL TIME
>
>EXPECTED LUNAR INTERFERENCE: LOW-MODERATE, BECOMING NIL AFTER 2-3 AM LOCAL
>
>OVERALL OPPORTUNITY FOR OBSERVATIONS FROM MIDDLE LATITUDES: GOOD
>
>AURORAL ACTIVITY *MAY* BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...
>
>   NORTHERN CALIFORNIA TO NORTHERN NEVADA TO UTAH TO COLORADO TO NORTHERN
>   KANSAS TO MISSOURI TO KENTUCKY TO VIRGINIA.
>
>
>ACTIVITY *MAY* ALSO BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...
>
>   NORTHERN FRANCE AND POSSIBLY EXTREME NORTHERN REGIONS OF SPAIN TO
>   SOUTHERN GERMANY TO SOUTHERN POLAND TO SOUTHERN UKRAINE TO CENTRAL
>   RUSSIA. SOUTHERN REGIONS OF AUSTRALIA AND MOST OF NEW ZEALAND MAY ALSO
>   SPOT POTENTIALLY SIGNIFICANT ACTIVITY.
>
>
>   RECEIVE REAL-TIME AURORAL ACTIVITY WATCHES AND WARNINGS BASED ON REAL-TIME
>   SOLAR WIND CONDITIONS USING THE SOFTWARE AT:
>
>   http://solar.spacew.com/swarm
>
>SYNOPSIS...
>
>   A significant solar coronal mass ejection associated with a powerful
>X-class solar flare was observed today leaving the Sun on a trajectory toward
>the Earth. This disturbance has the potential to produce periods of
>significant and intense auroral activity over widespread middle and possibly

>some low latitude regions. The conservative forecast calls generally for
>minor auroral storming with occasional major substorm intervals capable of
>being observed throughout the upper-middle latitude regions. However, there
>is a fair to good chance that activity will reach occasional stronger levels
>capable of being observed across much wider central middle and upper-low
>latitude regions during the height of the activity, particularly if
>observations are made just after the moon sets (between 2 and 3 am local
>time) and prior to the start of morning twilight conditions.
>
>   This is a potentially significant auroral storm prediction. Observers
>wishing to observe activity should take this event seriously. The peak of the
>storm activity is expected to occur on 09 June, although significant levels
>of activity may occur somewhat earlier if the disturbance is travelling
>faster than anticipated. Although the true intensity of activity won't be
>known until after the disturbance arrives (no one knows the intensity or
>configuration of the magnetic fields present in the disturbance until after
>spacecraft sample the solar wind within the disturbance - and that won't
>happen until the disturbance arrives).
>
>   Observers may want to plan excursions to dark-sky sites on the evenings
>of June 08 and June 09. If no activity is observed on the first night,
>perhaps something will be seen the following night. Long-exposure photographs
>of the horizon may also reveal activity invisible to the eye after the
>disturbance arrives. Serious observers may want to spend the $25 USD to
>purchase Ge+lert, which provides early notification of potential levels of
>auroral activity as well as current lists of ground-based sightings. The
>software is available at: http://www.spacew.com/www/geolert.html. FAX orders
>(MC/VISA) to: +1-403-756-3008 or: +1-403-756-2380 for rapid Internet
>delivery.
>
>   There is a fairly high probability for additional powerful solar flares
>from the active sunspot group currently on the Sun over the next several
>days. The occurrence of additional major levels of solar activity could
>herald additional coronal mass ejections capable of impacting the Earth.
>
>   This warning will remain active until 19:00 UTC on 10 June. It will then
>either be updated or allowed to expire.
>
>
>   PLEASE REPORT OBSERVATIONS OF AURORAL ACTIVITY TO:
>   http://solar.spacew.com/www/auroras.html
>
>
>   ESTIMATED AURORAL VISIBILITY FROM THE GROUND, AS WELL AS SPACECRAFT
>   AURORAL IMAGERY AND STATISTICAL PLOTS OF ANTICIPATED ACTIVITY CAN BE
>   FOUND AT:
>
>   http://www.spacew.com/www/aurora.html
>
>
>** End of AstroAlert **

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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5. [propnet] Re: Fwd: AstroAlert: Major X-Class WHITE-LIGHT Solar Flare Alert - 06 June

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 07 Jun 2000 20:11:20 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89449-2000.06.07-19.26.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,
Thanks for copying the note. Folks, this is a potentially huge event. I would be
interested in attempting the first documented Packet Auroral contact. If there is
anyone in the upper tier of the USA who would like to give this a try, drop us a
note. I can muster 400 watts to a small beam. Anyone up for a try?
Ev, W2EV

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6. [propnet] Fwd: AstroAlert: Another Major X-Class Solar Flare Alert - 07 June

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 07 Jun 2000 19:11:29 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89459-2000.06.07-20.24.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Another Major X-Class Solar Flare Alert - 07 June
>To: sun-earth@skypub.com
>Date: Wed, 7 Jun 2000 17:12:37 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   07 June 2000
>
>   * Major X-Class Solar Flare Alert *
>
>   Active sunspot region number 9026 spawned its third major X-class flare
>today. This one covered about as much area as yesterdays X2.3 flare, but was
>slightly less energetic at a class X1.2 x-ray intensity.
>
>   Today's event also was associated with a coronal mass ejection, but the
>ejected mass was much more diffuse and difficult to spot. Nevertheless, it
>appears a second above-average velocity coronal mass ejection is now
>in-transit to the Earth. That disturbance will probably impact the Earth
>sometime on 10 June (early to mid UTC hours, perhaps). The impact of this
>second disturbance should be a bit less vigorous than the first disturbance
>that is due within the next 24 hours, but it may still be strong enough to
>renew minor geomagnetic and auroral storming through 10 and part of 11 June.
>
>   The approach of the first high-velocity shock front from yesterdays X2
>solar flare associated coronal mass ejection is currently visible in the form
>of increased densities of energetic protons in space near the Earth. These
>protons are thought to be accelerated by the shock front of the disturbance
>as it sweeps through space. Currently, energetic protons are reaching
>densities capable of producing intensified levels of ionization in the polar
>ionospheres of the Earth. This type of increased ionization is known as Polar
>Cap Absorption (or PCA) and can have a devastating impact on high frequency
>radio signals that propagate through the polar regions of the ionosphere.
>
>   These energetic protons are not expected to decrease back toward
>background levels until after the shock front of the disturbance passes the
>Earth on 08 June.
>
>   Most solar observatories are reporting that Region 9026, although it has
>lost some of it's areal coverage, has not changed signficantly in magnetic
>structure and is probably still capable of producing major M or X class solar
>flares. The frequency of minor and major flares from this region will
>probably begin to slacken off a bit over the next few days unless renewed
>growth occurs.
>
>
>** End of AstroAlert **

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0x00BF1A39

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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7. [propnet] Band Opening

From: "Ben Pollard" <ws5r@arrl.net>
Date: Thu, 8 Jun 2000 07:01:04 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89526-2000.06.08-07.05.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A few I recieved this morn.

N9SHA>APW247,KB5WIO-7*,WIDE5-1:=3758.90N/08857.25W-PHG5160/Dave - Benton,
IL - n9sha@arrl.net -ILFRABENTON -247-<530>   750 miles

WA0JYF>APW243,KB5WIO-7*,WIDE5:!4203.20N/09136.86Wy WinAPRS QRT @022145z
750 miles

WB9QPG-15>APRS,KB5WIO-7*,WIDE5-1:!4023.07NN08707.88W#PHG5530/W-R-T-IN DIGI
LAFAYETTE, IN.
890 miles

K9TNW-10>APRS,KB5WIO-7*,WIDE5:!3947.90NN08601.10W#PHG4490/W-R-T-IN Digi
Indianapolis, IN.
920 miles

AA9MM-10>APRS,KB5WIO-7*,WIDE5-1:!3809.17NN08732.56W#PHG8690/W-R-T-IN Digi
Evansville,In.
820 miles

73,
Ben
Headin to Georgia.

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8. [propnet] Fwd: AstroAlert: Coronal Mass Ejection Impact Alert - 08 June

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 08 Jun 2000 07:41:49 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89539-2000.06.08-08.52.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Coronal Mass Ejection Impact Alert - 08 June
>To: sun-earth@skypub.com
>Date: Thu, 8 Jun 2000 03:11:38 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   * * * * * * * * * * * * * * *
>   * DISTURBANCE ARRIVAL ALERT *
>   * * * * * * * * * * * * * * *
>
>   09:05 UTC,   08 June, 2000
>
>   The anticipated coronal mass ejection associated with the class X2.3/3B
>solar flare of 06 June impacted the ACE spacecraft at 08:42 UTC. This is
>several hours earlier than anticipated and suggests a higher overall
>velocity. Solar wind measurements currently show solar wind speeds in excess
>of 750 km/sec and erratic but strongly southward magnetic fields that would
>be favorable for the production of significant geomagnetic and auroral
>storming.
>
>   It is still too early to determine whether the core of the disturbance
>will contain correctly oriented magnetic fields, although it appears likely
>that there will be periods of strong and potentially extended southwardly
>directed magnetic fields that would be very favorable for the production of
>strong geomagnetic storming.
>
>   More will be known over the coming hours as the Earth begins to
>penetrate deeper into the disturbance.
>
>
>** End of Alert **

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9. [propnet] Fwd: AstroAlert: Updated Auroral Activity Bulletin - 08 June

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 08 Jun 2000 20:38:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89647-2000.06.08-21.45.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Updated Auroral Activity Bulletin - 08 June
>To: sun-earth@skypub.com
>Date: Thu, 8 Jun 2000 16:01:48 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   Updated: 21:45 UTC, 08 June 2000
>
>   * Updated Auroral Activity Bulletin *
>
>
>   The coronal mass ejection disturbance that impacted the Earth shortly
>after 09:00 UTC on 08 June contained several periods of significantly
>unstable solar wind conditions that prompted increases in auroral activity.
>The GOES-8 spacecraft also crossed the magnetopause boundary between
>approximately 15:09 and 16:06 UTC today, which attests to the forces that
>have been applied to the Earth's magnetosphere.
>
>   Unfortunately, most of the auroral activity that has occurred would
>have only been visible to individuals located in low population regions of the
>northern Pacific and northeastern Russia. We have not yet received any
>reports of activity from other locations of the world, and conditions are not
>looking particularly favorable either. But we are hoping for at least some
>isolated observations over North America this evening.
>
>   The magnetic fields imbedded within the disturbance are gradually
>becoming less capable of generating auroral storm activity. The projection is
>for this to continue, at least until the next disturbance associated with the
>most recent X-class flare impacts the Earth on the 10th at which time renewed
>activity may be observed.
>
>   There is a distinct possibility for periods of localized auroral
>substorming that may be intense enough to observe from many middle latitude
>locations. However, without a change in the pattern we are currently seeing
>in the solar wind, auroral activity won't be as big and bright as we had
>originally hoped it might be. This should not preclude an attempt to
>get out and see if anything can be observed (or photographed).
>
>   The next best opportunity will be on 10 June.
>
>
>** End of Update **

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10. [propnet] 6-Meter UK Activity

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 09 Jun 2000 08:06:42 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: UI-View Listserve <ui-view@egroups.com>,
        UK APRS Listserve <APRSUK@egroups.com>
Message-ID: <LYR1548-89718-2000.06.09-07.15.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello PropNETers,
There seems to be some interest peaking in the UK to run 6-meter APRS
(I'm hearing that there could be as many as a half dozen UK folks

running for the weekend). Yes, APRS is not PropNET, but I thought that
it may be worth our while to switch our transceivers over for the
weekend to see what we find.

There is no need to change anything else. PropNET protocols are fully
compatible with both UI-View and WinAPRS. Simply QSY to 50.690-MHz for
the weekend and see what happens to appear on your screen.

  Please, keep in mind that this frequency is a LOT closer to the
SSB/CW subband, and with the ARRL VHF Contest running this weekend, too,
you may experience a significant amount of "self QRM" if you plan on
operating both. Even so, try it before you nix the idea. Then let us
know how it worked for you. This is the major advantage we have in
North America (having a 4-MHz wide 6-meter band, that is). We can keep
PropNET active on 53.53 while we chase the DX on 50.2 with little (if
any) self QRM.

Anyway...I'm going to be active on the UK frequency. I'm hearing that
there is some interest by at least one other east coaster (Sid in
Maryland). Just FYI.

Ev, W2EV

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11. [propnet] Re: 6-Meter UK Activity

From: GRaney1882@aol.com
Date: Fri, 9 Jun 2000 13:52:13 EDT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-89790-2000.06.09-12.55.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

June VHF contest is this weekend, seems like a good time to get as many
people on the air as possible. I'm going to HAM-COM this weekend but I'm
leaving the 2msetup running.

Gary KM5TY

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] Re: 6-Meter UK Activity

From: "Ian Eddy" <Ieddy@bigpond.net.au>
Date: Mon, 12 Jun 2000 19:59:03 +1000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-90351-2000.06.12-05.05.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello PropNET Users

Have had the radio on in Sydney most weekends (53.53Mhz). On this email
have switched to the 50.690-MHz frequency for the past weekend. Have seen
nothing on the screen. Have no real information on what the UK Amateurs are
up to on that Frequency, would be interesting to have some information.

Ian VK2IE.

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: "UI-View Listserve" <ui-view@egroups.com>; "UK APRS Listserve"
<APRSUK@egroups.com>
Sent: Friday, June 09, 2000 10:06 PM
Subject: [propnet] 6-Meter UK Activity

> Hello PropNETers,
> There seems to be some interest peaking in the UK to run 6-meter APRS
> (I'm hearing that there could be as many as a half dozen UK folks
> running for the weekend). Yes, APRS is not PropNET, but I thought that
> it may be worth our while to switch our transceivers over for the
> weekend to see what we find.

>
> There is no need to change anything else. PropNET protocols are fully
> compatible with both UI-View and WinAPRS. Simply QSY to 50.690-MHz for
> the weekend and see what happens to appear on your screen.
>
>   *Please*, keep in mind that this frequency is a LOT closer to the
> SSB/CW subband, and with the ARRL VHF Contest running this weekend, too,
> you may experience a significant amount of "self QRM" if you plan on
> operating both. Even so, try it before you nix the idea. Then let us
> know how it worked for you. This is the major advantage we have in
> North America (having a 4-MHz wide 6-meter band, that is). We can keep
> PropNET active on 53.53 while we chase the DX on 50.2 with little (if
> any) self QRM.
>
> Anyway...I'm going to be active on the UK frequency. I'm hearing that
> there is some interest by at least one other east coaster (Sid in
> Maryland). Just FYI.
>
> Ev, W2EV
>
>
>
>
>
> ---
> You are currently subscribed to propnet as: Ieddy@bigpond.net.au
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

13. [propnet] Re: 6-Meter UK Activity

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 12 Jun 2000 06:21:41 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-90352-2000.06.12-05.28.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ian (and the group),
Same results here, nothing heard from anywhere. Not to be
discouraged, though. There was a heavily populated 6-meter
contest this weekend in the US, with no reported EU worked
from NA by the SSB/CW folks (myself included). It's one of
those things that will simply take time to find success.
Thanks for trying!

QSYing back to 53.53 (yeah, it's lonely there now...but with
only a couple of dozen widely spaced experimenters around
the globe, one should expect that for now <smile>). Keep
the faith, pioneers...more interest is being generated every
day.

Ev, W2EV

Ian Eddy wrote:
>
> Hello PropNET Users
>
> Have had the radio on in Sydney most weekends (53.53Mhz). On this email
> have switched to the 50.690-MHz frequency for the past weekend. Have seen
> nothing on the screen. Have no real information on what the UK Amateurs are
> up to on that Frequency, would be interesting to have some information.
>
> Ian VK2IE.
>
> ----- Original Message -----
> From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> Cc: "UI-View Listserve" <ui-view@egroups.com>; "UK APRS Listserve"
> <APRSUK@egroups.com>
> Sent: Friday, June 09, 2000 10:06 PM
> Subject: [propnet] 6-Meter UK Activity
>
> > Hello PropNETers,

> > There seems to be some interest peaking in the UK to run 6-meter APRS
> > (I'm hearing that there could be as many as a half dozen UK folks
> > running for the weekend). Yes, APRS is not PropNET, but I thought that
> > it may be worth our while to switch our transceivers over for the
> > weekend to see what we find.
> >
> > There is no need to change anything else. PropNET protocols are fully
> > compatible with both UI-View and WinAPRS. Simply QSY to 50.690-MHz for
> > the weekend and see what happens to appear on your screen.
> >
> >   *Please*, keep in mind that this frequency is a LOT closer to the
> > SSB/CW subband, and with the ARRL VHF Contest running this weekend, too,
> > you may experience a significant amount of "self QRM" if you plan on
> > operating both. Even so, try it before you nix the idea. Then let us
> > know how it worked for you. This is the major advantage we have in
> > North America (having a 4-MHz wide 6-meter band, that is). We can keep
> > PropNET active on 53.53 while we chase the DX on 50.2 with little (if
> > any) self QRM.
> >
> > Anyway...I'm going to be active on the UK frequency. I'm hearing that
> > there is some interest by at least one other east coaster (Sid in
> > Maryland). Just FYI.
> >
> > Ev, W2EV
> >
> >
> >
> >
> >
> > ---
> > You are currently subscribed to propnet as: Ieddy@bigpond.net.au
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
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14. [propnet] 6M tests in UK

From: dave.g0dja@psilink.co.uk (David J. Ackrill)
Date: Tue, 13 Jun 2000 17:27:13 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-90769-2000.06.13-12.30.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was one of those who put their APRS station (I am running a 32 bit version
of UI-View) on 50.690MHz.

I did hear one other station on Saturday, that being Bert, G4NJI who is
about 25 miles south of me.

He only seemed to be on for a few moments, probably just to see how many
were about, and then I didn't hear anyone else at all.

Others report seeing no APRS activity on 50.690MHz at all. I think those
trying were just too far apart for groundwave propagation, too close for
Sporadic-E and there wasn't any Tropo about that weekend.

Near here there is a NetRom node, GB7WP, on 50.690MHz, but in its Ports list
it says that it's a link to another node at GB7YW. However, GB7YW doesn't
seem to be operational and could not be reached by connecting to GB7WP and
trying a connect command for just the 50MHz port.

So, I don't think I'm going to be 'upsetting' anyone by using 50.690MHz at
the moment. HI!

There is now some discussion about using 300 baud and Lower Sideband,
probably with beams rather than verticals, but there don't seem to be many
people around who can do this. I could run LSB at 300 baud as I have a
KAM+, but it would mean making up some leads and, since I'm moving house in
a couple of weeks time, this is not at the top of my priority list.

When I move, I will ask to be able to run unattended on 6M as well as 2M, to
allow me to leave the system running when I'm not at home. This needs
special permission in the UK, and is only available at reduced power levels
(14dBW ERP usually) provided that you can be contacted and are able to
return to closedown the station at two hours notice.

Hope that this explains a bit about what was going on over this side.

Cheers de Dave (G0DJA)

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15. [propnet] radio question

From: dpfister <dpfister@grapevine.net>
Date: Wed, 14 Jun 2000 20:14:02 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-90983-2000.06.14-20.19.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am considering a new radio and would like to get something that would do most
if not all of what I want. I am kind of looking at the Yaesu FT-847. I do not
think the satellite operation it refers to is APRS type though. It says it is
1200/9600 baud capable but I would guess it needs the external TNC to do it (I
know that sounds dumb, but I don't express myself well, sorry). I know it will
take a TNC but I would guess it is just going to take and send audio to the TNC,
but that it has the specs to handle the baud rates.

Any one using the FT-847? I would think it would allow me to do propnet and APRS
(as well as the VHF/UHF/HF). I would like to get into APRS sat but the D700
seems to limit my other uses.

Thanks for comments (nice ones ;-) and experiences and suggestions.

Thanks,
Don

--

[Signature File]
Name=Don Pfister KA0JLF
HABITAT SkyLab
(High Altitude Basic Investigation Testing And Tracking)
Email=dpfister@grapevine.net or donp@netlab.org

http://www.netlab.org/habitat
http://www.kc.net/~dpfister
http://www.netlab.org/~donp
http://www.netlab.org:8888/ Visit the Lab in the Hobby wing. HABITAT being
built...

view stations on the web real time (~3 minute updates):
http://www.findu.com/cgi-bin/find.cgi?KA0JLF   Home
http://www.findu.com/cgi-bin/find.cgi?KA0JLF-9 van
http://www.findu.com/cgi-bin/find.cgi?KA0JLF-11 balloon

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16. [propnet] Re: radio question

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 15 Jun 2000 06:27:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-91035-2000.06.15-05.27.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Don,
The FT-847 is simply a transceiver that is capable of
passing both 1200 and 9600 baud traffic, provided you have
the rest of the needed equipment (such as a TNC) connected.

If you are interested in satellite APRS, then you will most
likely need a TNC that uses Manchester encoding. There are
several satellites that use strait FM, too (so a standard
TNC will work). Bob Bruninga recently posted a message
about the available satellite constellation. I've included

it at the end of this message as an fyi. You can get
further clarification on that topic by posting to the APRS
sig (I just don't have any experience myself, I'm afraid).

As for PropNET use, all you need is the ability to transmit
and receive FM, which the '847 can easily do. Although I
don't own one of these radios, I hear great things about
them from narrowband enthusiasts who do. It appears to be
an excellent rig.

Regards,
Ev, W2EV

=== copied message from APRS Sig follows: ===

Here is a one line summary of currently active FM birds that
you can
receive on your Mobile FM rig and mobile vertical whip
antenna.
New items:
 1) SUNSAT has turned off APRS mode while they manage high
sun temps
 2) MIR again goes silent as crew heads home

SAT   DOWNLNK UPLINK S MODE   COMMENTS
---- ------- ------- - ------------------

MIR   145.985 145.985 9 S FM crew voice   Off
UO11 145.825   4 R FM Bell202 ASCII Telemetry only
UO14 435.070 145.975 5 J FM Voice rptr   lots of fun every
pass
AO27 436.795 145.850 3 J FM Voice rptr   days only but fun
SO35 145.825 436.290 8 B FM Voice rptr   Off while in hot
sun
SO35 145.825 436.290 8 B 9600 bd FSK digi Off while in hot
sun
UO22 435.120 145.900 3 J 9600 bd FSK BBS ON
KO23 435.170 145.900 4 J 9600 bd FSK BBS ON but with probs
in eclipse
KO25 436.500 145.980 3 J 9600 bd FSK BBS ON
TO31 436.925 145.925 5 J 9600 bd FSK DATA ON downlinks
images

* If you dont hear it, then DONT TRANSMIT! EIther the bird
is dead
  or your station is deaf. Don't embarass yourself and QRM
everyone

Between the hours of about 6 AM to noon and 6 PM to midnight
local SUN
time there is usually one of these birds in view for a few
minutes to keep
you entertained while traveling. UHF requires +/- 5 or 10
KHz Doppler
tuning. The "S" column is a subjective signal strength
assessment. A
20" vertical whip in the center of your car roof will give
you success as
shown below. This acts as a 3/4 wave on UHF giving almost 8
dBi above
30 degrees over a good groundplane for the UHF downlink
birds. For
SUNSAT which operates mode B with a stronger 2m downlink and
your 50 watt
mobile uplink, your normal dual-band mobile antenna will do
better closer
to the horizon.
                                                SIG RECEIVE
RANGE
USING THE 20" WHIP FOR MODE J PACSATS: ---

As a rough approximation consider this table   9 Horizon
to Horizon
which I have subjectively determined after   8 5 deg
and above
3 months of daily monitoring. Home stations   7 10 deg
and above
with 50' of RG 8 should subtract abt 3 from   6 15 deg
and above

```
the signals and 5/8  or dual band, or "gain"     5  20 deg
and above
antennas  should also subtract about 2.          4  25 deg
and above
                                                 3  30 deg
and above
The PACSATs  do not  officially digipeat  UI     2  3 ele
beam required
packets,  but  you can still  see status and     1  6 ele
beam required
telemetry and the USER lists on your Kenwood
data radios or any radio with 9600 baud TNC.  For more info
on mobile
satellite operations see
http://web.usna.navy.mil/~bruninga/astars.html

Errors, omissions, corrections welcome.  I will re-post this
when ever I
hear of changes in status.  For more detail, of course, read
the AMSAT
News Service bulletins and AMSAT WEB pages
http://www.amsat.org

de WB4APR, Bob

---
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```

17. [propnet] Re: radio question

```
From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 17 Jun 2000 03:47:21 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-91373-2000.06.17-03.18.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hi all,

Don P. wrote:

>I'm looking at the Yaesu FT-847. I think it would allow me to do Prop-
>Net and APRS.

     It would, but only on one band at a time.  The '847 doesn't have
two separate VFO's in it line the FT-1000, TS-950, etc, but will let us-
ers RX on one band and TX on another ... requisites for SAT ops.      73
+-------------------------------------------------------------------+
|Arte Booten  <n2zrc@arrl.net>  AEC for Digital Services NYC ARES/RACES|
|Riverdale, NY [FN30bu]  APRS Elmer 4052.71N/07354.06WNPHG5370/A=000240|
|PGP   Key:  D73E  B889  C630  6F4A  F31F  3083  56BD  0AAD  9996  3B03|
+-------------------------------------------------------------------+


---
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```

18. [propnet] Band opening???

```
From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 21 Jun 2000 20:00:36 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-92337-2000.06.22-02.51.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
For quite some time now, I have suspected that one of the nearby
IGATES might be relaying stations from a LONG ways off, and it isn't
showing up in the path.  I have no way of knowing.
      I have rarely seen/heard propagation such as is suggested below.  The
last time I saw something like it was around 1985 or so, when I was
stationed in south Georgia and suddenly packet was roaring with stations in
the DFW area.

      So -- take a look at these, copied in Clovis, New Mexico today.  All
are over 1000 miles, and all appear to have an RF-only path of around 3 hops.

      Anybody else see anything like it today?

      7 3
      Earl
```

```
_____________________________________________

KF4AJQ-9>3PUQ2R,WA5IHL-11*,WIDE3:'o1Fm^h>/]"4M}kf4ajq@varc.net/www.varc.net
KF4AJQ-9>3PUQ0R,WA5IHL-11*,WIDE3:'o2m?~>/]"4O}

KF4AJQ-9>3PUQ2R,WA5IHL-11*,WIDE3:'o1Fm^h>/]"4M}kf4ajq@varc.net/www.varc.net
KF4AJQ-9>3PUQ0R,WA5IHL-11*,WIDE3:'o2m?~>/]"4O}

KF4AJQ-9>3PUQ2R,WA5IHL-11*,WIDE3:'o1Fm^h>/]"4M}kf4ajq@varc.net/www.varc.net
KF4AJQ-9>3PUQ0R,WA5IHL-11*,WIDE3:'o2m?~>/]"4O}

N1NFC-1>APRS,WA5IHL-11*,WIDE4-2:!3045.78NN08136.66W#PHG5490 CCARS WideN-N
Digi Kingsland, GA

AA4MO-1>APRS,AA4QI-1,WA5IHL-11*:!3023.50N/08139.88Wyphg6360/relay

KD4MWO-14>APRS,AA4QI-1,WA5IHL-11*:$GPRMC,005820,A,3024.8542,N,08139.1313,W,0
.457,71.4,220600,5.0,W*43
KD4MWO-14>APRS,AA4QI-1,WA5IHL-11*:$GPRMC,010420,A,3024.8293,N,08139.1343,W,0
.000,0.0,220600,5.0,W*71
KD4MWO-14>APRS,AA4QI-1,WA5IHL-11*:$GPRMC,010620,A,3024.8293,N,08139.1343,W,0
.000,0.0,220600,5.0,W*73
KD4MWO-14>APRS,AA4QI-1,WA5IHL-11*:$GPRMC,011220,A,3024.8293,N,08139.1323,W,0
.000,0.0,220600,5.0,W*70

KF4FGE-1>APW228,WA5IHL-11*,WIDE3-2:=3019.88N/08139.60WoPHG5430/Duval County
EOC -FLDUVJACKSONV-228-<530>

KF4FGE-1>APW228,WA5IHL-11*,WIDE3-2:=3019.88N/08139.60WoPHG5430/Duval County
EOC -FLDUVJACKSONV-228-<530>

AE4YB>APW246,WA5IHL-11*,WIDE3-1:=3019.43N/08127.90WyPHG2196/Atlantic Girvin
-FLDUVJAX     -246-<530>

AA4QI-4>APRS,AA4QI-1,WA5IHL-11*:$ULTW00000000034B0000----000086A0000102C900A
C04F600000000
AA4QI-4>APRS,AA4QI-1,WA5IHL-11*:!3018.47N/08123.89W_PHG 3360/RELAY
AA4QI-4>APRS,AA4QI-1,WA5IHL-11*:$ULTW00000000034B0000----000086A0000102C700A
C050000000000

W4IZ-1>APRS,WA5IHL-11*,TRACE3-2:!2952.47NN08125.05W#PHG6460 W/T/R
NOFARS/KF4MX ST AUG, FL jimmor@aug.com

KE4KUR-3>APRS,W4IZ-1,AA4QI-1,WA5IHL-11*:!3259.63NN08016.20W#PHG6550
WIDEN-N SUMMERVILLE, SC

W1GRE-1>APW245,W1GRE,WA5IHL-11*,WIDE3,GATE:=3251.51N/07958.85WhPHG2030/WinAP
RS 2.4.5<Gregg>We do Rx's right -SCCHAN CHARLE-245-<530>

WA4USN-5>APRS,W4IZ-1,WA5IHL-11*:!3247.46NN07954.49W#PHG5440 WIDEN-N
CHARLESTON,SC
WA4USN-5>APRS,W4IZ-1,WA5IHL-11*,WIDE3-3:!3247.46NN07954.49W#PHG5440 WIDEN-N
CHARLESTON,SC

N4TRN>APR846,WA5IHL-11*,WIDE3:=2837.29N/08119.00W-000/000/Keith, Winter
Park, FL

KG4EGV>APW245,WA5IHL-11*,WIDE3:=2829.28N/08117.90WyPHG7130/WinAPRS 2.4.5
-FLORAORLANDO -245-<520>

W4NHV-9>BEACON,W4IZ-1,AA4QI-1,WA5IHL-11*:
W4NHV-9>APRS,W4IZ-1,AA4QI-1,WA5IHL-11*:!3453.15NT07904.22W#PHG9690 W4NHV-9
WIDE DIGI LUMBER BRIDGE NC.

N2XL>ST4P1X,W4NHV-9,W4IZ-1,WA5IHL-11*:'kX6l ,>/]"4E}

AD4TZ>AP0920,WA5IHL-11*,WIDE4-1,WIDE,GATE:>180144z  [0920]*APRS+SA de Eddy
in Surfside Beach, SC  FM03MO  [ad4tz@qsl.net]
AD4TZ>AP0920,WA5IHL-11*,WIDE4-2,WIDE,GATE:=3336.48N\07858.35WhPGH2240 RELAY
in Surfside Beach, SC   FM03MO
AD4TZ>AP0920,WA5IHL-11*,WIDE4-1,WIDE,GATE:=3336.48N\07858.35WhPGH2240 RELAY
in Surfside Beach, SC   FM03MO

W4RDU-5>APRS,W4NHV-9,W4GS-5,W4IZ-1,AA4QI-1,WA5IHL-11*,TRACE5:=3546.76NT07840
.50W#PHG6460/W-R-Trace Digi in Raleigh,NC

K4ROK>BEACON,WA5IHL-11*,WIDE6-4,TRACE3-3:!3533.01NN07736.02W_PHG7630 W-R-T
WX DIGI PITT COUNTY NC ARES
K4ROK>BEACON,WA5IHL-11*,WIDE6-3,TRACE3-3:!3533.01NN07736.02W_PHG7630 W-R-T
```

```
WX DIGI PITT COUNTY NC ARES
K4ROK>APRS,WA5IHL-11*,WIDE6-3:!!0000006203150090 27B70331--------00AC04F90090
0000

      And the following, judging from the callbook:

KL7NL>APR830,WA5IHL-11*,WIDE3::K4RRZ    :ack12
N1NFC>APW247,WA5IHL-11*,WIDE4-1:>312114 n1nfc@eagnet.com ICQ#944831 TCP/IP
on-line!
N4JTH-3>ID,WIDE,W4IZ-1,WA5IHL-11*:N4JTH-3/R RELAY/D N4JTH-1/B WIDE/N
N7GZT-1>APRS,KE4KUR-3,W4IZ-1,WA5IHL-11*:!325162.62NT07959.17W#PHG5440
Charleston,SC EOC
NA4V>APW247,WA5IHL-11*,WIDE3-1:_06220101c191s005g007t080r000p000P000h73b1015
0wRSW
NA4V-3>APRDA4,WA5IHL-11*,WIDE3-1:;SO35
*220103z4943.34N\08129.19WS193/999/436.291-5/145.825+8/R=02136/mode-B
W1GRE>APW245,KE4KUR-3,WA4USN-5,WA5IHL-11*,WIDE3-1:}KC5VKB>APRS,TCPIP,W1GRE*:
:AA4QI-4  :Hello from Lubbock Tx DM93{045
W4EZR>APR842,W4NHV-9,WA5IHL-11*,WIDE3-1::WB4IUY   :fine Dave looking
foreward to seeing you on field day ....gn...{17
W4EZR>APR842,W4NHV-9,WA5IHL-11*,WIDE3-1::K4RRZ    :Dave says will be here
for field day ...good on nodes...{18
W4IZ-3>APRS,AA4QI-1,WA5IHL-11*,WIDE:$ULTW0000000003001E56----000000000000---
-00AD04B500120000
WB4IUY>APR810,WA5IHL-11*,WIDE6-4:>172209z wb4iuy@wb4iuy.#rtp.nc.usa.noam
WB4IUY>APR810,WA5IHL-11*,WIDE6-4::W4EZR    :ack17
WB4IUY>APR810,WA5IHL-11*,WIDE6-3:N4KZL-12 :testing for ack...{0


---
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```

19. [propnet] Re: Band opening???

```
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 22 Jun 2000 06:25:36 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-92343-2000.06.22-05.25.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hi Earl,
You have, probably, been blessed with a band opening!  If
this had been IGATED, then you would have probably seen a
whole lot more than this, from a wider area than this
(unless your local internet to RF gateway is somehow playing
with you and periodically changing the "filter" it uses,
which is unlikely, but not impossible).

/Soapbox on/
The APRS Protocol needs a band designation flag, a "GATEd"
flag and an IGATED flag.  Suppose Earl's receptions included
a distress call, but one that originated out of his area
(IGATEd) and on another band (GATEd) -- but *which band*
(band designation)?  At present, such a transmission would
be difficult to track down to DF, no?  If the APRS service
is truly based on tactical health/safety and radiolocation,
the core service is being compromised without these flags.
/Soapbox off/


On to the more fun sleuthing . . .

First, the unconfirmable, but probable:
> KF4AJQ-9>3PUQ0R,WA5IHL-11*,WIDE3:'o2m?~>/]"4O}

If WA5IHL-11 (and every digipeater between the two) were
setup with the "NOID" parameter, then the first WIDEn-N
digipeater would have appeared, rather than the last one,
and this conjecture would have been unnecessary.  However,
the APRS network is not setup to study propagation
anamolies, so this turns out to be pure rhetoric.

Now, for the "good ones" (snipping a ton from the end):

Received in Clovis, New Mexico:    Likely Launched as:
------------------------------     ------------------
AA4MO-1>APRS,AA4QI-1,WA5IHL-11*:   AA4MO-1>APRS,RELAY,WIDE:
Note: The band was likely open between AA4QI-1 and WA5IHL-11
```

KD4MWO-14>APRS,AA4QI-1,WA5IHL-11*:
KD5MWO-14>APRS,RELAY,WIDE:
Ditto the above Note

AA4QI-4>APRS,AA4QI-1,WA5IHL-11*: AA4QI-4>APRS,RELAY,WIDE:
Ditto the above Note

W4IZ-1>APRS,WA5IHL-11*,TRACE3-2: W4IZ-1>APRS,TRACE3-3:
NOTE: the band was likely open between W4IZ-1 and WA5IHL-11

Then we come to the real cool posit of:
W1GRE-1>APW245,W1GRE,WA5IHL-11*,WIDE3,GATE:=3251.51N/07958.85WhPHG2030/WinAP
This was probably launched as:
W1GRE-1>APW245,RELAY,WIDE3-3,GATE: . . .

Again, because the APRS network is not setup to study
propagation anomolies, it is impossible to know where in the
digipeating process the "big hop" or "big hops" took place,
but it is obvious that it initiated near W1GRE (since that
was call substituted for the RELAY).

By the way...since this message was also copied to the
PropNET listserve, I have to point out that such occurances
(not knowing the source of a reception) does not exist on
the PropNET service. We use the TRACEn-N equivalent of
HOPn-N exclusively. NOTE: if you are on the PropNET service
and your TNC or HUB is setup to digipeat on RELAY,WIDE,
WIDEn-N or TRACE, then please remove those aliases. Let's
keep our network clean.

Ev, W2EV

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20. [propnet] Re: Band opening???

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 22 Jun 2000 07:41:28 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-92383-2000.06.22-08.46.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:25 AM 6/22/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
>Hi Earl,
>You have, probably, been blessed with a band opening! If
>this had been IGATED, then you would have probably seen a
>whole lot more than this, from a wider area than this
>(unless your local internet to RF gateway is somehow playing
>with you and periodically changing the "filter" it uses,
>which is unlikely, but not impossible).

      Somehow, though, I kinda suspect it may be going on. Is there any
sure way of figuring it out from my end?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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21. [propnet] Fwd: Huge band opening? / Or was it Internet ??

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 23 Jun 2000 19:00:27 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-92673-2000.06.23-20.08.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HEY! Check this out! <G>

      Earl

>Date: Fri, 23 Jun 2000 06:12:28 -0400 (EDT)
>From: wa4ikq@nevets.oau.org (Geoffrey Dick)
>To: kd5xb@amsat.org
>Subject: Huge band opening? / Or was it Internet ??
>
>Earl,
>
>We have confirmed one of your long-distance contacts on RF. You made it to
>Jacksonville, FL on APRS.
>
>I had to re-write N4TRN, this time getting his email address letters in the
>right order to see if you made it closer to home.
>
>The real question is, will you make it to Orlando in September?
>
>
>Geoff
>Orlando Local Host, DCC2000
>
>
> > From aol.com!TNolan1013 Thu Jun 22 08:25:19 2000
> > From: TNolan1013@aol.com
> > Date: Thu, 22 Jun 2000 07:01:15 EDT
> > Subject: Re: Huge band opening? / Or was it Internet ??
> > To: wa4ikq@nevets.oau.org
> >
> > Geoff,
> > These were all signal hops from VHF APRS signals. I think it is from the
> > AA4QI digi that is on top of the 650 foot Southern Bell building. It
> must be
> > just rite for the hop.
> > I hope that you are doing well.. Have you found me any SEDANodes sites
> > around the Orlando area? As many people as you know and talk to please
> keep
> > your eyes open for a SOUTH Orlando site..
> > Thanks ole friend,
> >   Tom
> >

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22. [propnet] Re: Band opening???

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 23 Jun 2000 22:04:25 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-92688-2000.06.23-23.08.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:25 AM 6/22/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
>Hi Earl,
>You have, probably, been blessed with a band opening!

      Well -- here's a picture...

      http://www.tarpleymusic.com/clovis/earl.htm

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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23. [propnet] Disk problem here

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 25 Jun 2000 14:39:40 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: trombone-l@lists.missouri.edu, cdt-l <cdt-l@backcountry.net>,
clovis_nm_astronomy@egroups.com, propnet@greeceny.com
Message-ID: <LYR1548-92879-2000.06.25-15.45.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had a hard drive problem, and lost my entire IN box, including
messages saved about all kinds of stuff. Those of you that I have been in
conversation with may need to resend any messages from the past several days.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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24. [propnet] Band opening -- AGAIN!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 30 Jun 2000 21:43:35 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94243-2000.06.30-22.50.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought I could tell something was up when I left the house about
an hour ago. Look what came in while I was out, all between 2103 and 2141
MY TIME.

KD7FBT>APW233,WA5IHL-11*,WIDE6:=4659.00N/12349.65W_PHG7198/WinAPRS 2.3.3
-WAGRAABERDEEN-233-<520>
KD7FBT>APW233,WA5IHL-11*,WIDE6:_07010411c198s000g000t058r000p000P000h00b1112
2wU2K

1393 miles!

K7UJ>APW241,WA5IHL-11*,WIDE5-1:=4724.71N/12018.83W-PHG3218/WinAPRS 2.4.1
-WACHEWENATCHE-241-<520>
K7UJ>APW241,WA5IHL-11*,WIDE5-1:=4724.71N/12018.83W-PHG3218/WinAPRS 2.4.1
-WACHEWENATCHE-241-<520>

1273 miles!

K7CTS-10>APRS,WA5IHL-11*,WIDE5:$GPGGA,184511,4750.942,N,11820.151,W,1,06,1.4
,487.7,M,-17.2,M,,*78

1216 miles! MOTORCYCLE!!!

KA7ENA>APW228,WA5IHL-11*,WIDE4:_06271858c337s000g000t079r000p000P000h..b....
.wUII
KA7ENA>APW228,WA5IHL-11*,WIDE4:=4737.35N/11742.76W_PHG2160/WinAPRS 2.2.8
-WASPOMEDICAL -228-<520>

1183 miles!

K7WFC-10>APRS,WA5IHL-11*,WIDE5:!4606.18NN11907.71W#PHG5892/JUMP OFF JOE

1165 miles!

Also received the following, but no posit info:
K7WFC-10>APRS,WA5IHL-11*,WIDE5:!4606.18NN11907.71W#PHG5892/JUMP OFF JOE

Could this have come through an IGATE without being labelled as such?

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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July 2000

Original source file: propnet.0007
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0007

1. [propnet] RIGHT NOW!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 30 Jun 2000 21:46:36 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94297-2000.07.01-04.38.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

They're STILL coming in! This JUST came in!!!

W7CCY-10>BEACON,WA5IHL-11*,WIDE5:!4716.40NN12024.35W#PHG6860/MISSION RIDGE APRS

1270 miles!

KC7WFD>APW247,WA5IHL-11*,WIDE5:=4612.28N/11909.10WrPHG1118/WinAPRS 2.4.7
-WABENKENNEWIC-247-<530>

1171 miles!!!

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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2. [propnet] Re: RIGHT NOW!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 01 Jul 2000 08:13:51 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS Special Interest Group <aprssig@lists.tapr.org>
Message-ID: <LYR1548-94310-2000.07.01-08.00.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
> They're STILL coming in! This JUST came in!!!
>
> W7CCY-10>BEACON,WA5IHL-11*,WIDE5:!4716.40NN12024.35W#PHG6860/MISSION RIDGE APRS
>
> 1270 miles!

Earl,
'Sure looks good to me! :o) In looking over the transmit
strings, most of these stations are using WIDE5-5 and
WIDE6-6, meaning 5 or 6 total digipeats (for the newbies
reading this). Dividing the DX by that many digipeats, you
get an average somewhere in the neighborhood of 250 miles
per hop; which, by itself isn't all that exceptional. Of
course if that was what was happening, then you'd see those
DX stations all the time which, I presume, you do not.

Of course, I would bet that what is actually happening is
that 3 or 4 of those are being consumed local to the
launching station, and one (or two) big hop(s) in the middle
or end is (are) responsible for the DX nature of these
transmissions.

Because the APRS network isn't designed to study DX
propagation (too many digipeaters process WIDEn-N with
destruction of the ID if the first digipeat), we'll never
really know. Even so...isn't it fascinating to use amateur
technology to probe the environment that we live in, to see
what can't be seen by others?

By the way...start thinking METEOR SHOWER, folks! With the
Perseids in early August just around the corner, it's time
to give it another round! This year we have two new tools:
new windows-based software with actual meteor-mode built-in
and a real study of ERP necessary to assure success. Look
for information on both shortly.

APRS sigers...you may want to subscribe to the PropNET
listserve, too (also on http://www.tapr.org). The traffic
there is normally quite light, but intensifies around meteor
events.

Ev, W2EV

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3. [propnet] Re: RIGHT NOW!

From: "Ben Pollard" <ws5r@arrl.net>
Date: Sat, 1 Jul 2000 11:23:07 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94335-2000.07.01-11.28.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,
Looking at it I recieved one station here,
KC7WFD>APW247,WA5IHL-11*,WIDE5:=4612.28N/11909.10WrPHG1118/WinAPRS
2.4.7 -WABENKENNEWIC-247-<530>
and it sure looks like we had an e cloud move over. I conditions supported
tropo we would have seen the whole digi path bringing in more stations. I
tend to disagree with you on APRS not being a way to study DX propogation. I
watch the screen and watch the tropo ducting forecast and they are actually
pretty close. I have found that even though we are going thru digi's if we
get an opening from a cetain part of the country, the tropo path map shows
it and 2m ssb is ussually open.

Just my 2 cents worth,
73
Ben

> 'Sure looks good to me! :o) In looking over the transmit
> strings, most of these stations are using WIDE5-5 and
> WIDE6-6, meaning 5 or 6 total digipeats (for the newbies
> reading this). Dividing the DX by that many digipeats, you
> get an average somewhere in the neighborhood of 250 miles
> per hop; which, by itself isn't all that exceptional. Of
> course if that was what was happening, then you'd see those
> DX stations all the time which, I presume, you do not.
>
> Of course, I would bet that what is actually happening is
> that 3 or 4 of those are being consumed local to the
> launching station, and one (or two) big hop(s) in the middle
> or end is (are) responsible for the DX nature of these
> transmissions.
>
> Because the APRS network isn't designed to study DX
> propagation (too many digipeaters process WIDEn-N with
> destruction of the ID if the first digipeat), we'll never
> really know. Even so...isn't it fascinating to use amateur
> technology to probe the environment that we live in, to see
> what can't be seen by others?
>
> By the way...start thinking METEOR SHOWER, folks! With the
> Perseids in early August just around the corner, it's time
> to give it another round! This year we have two new tools:
> new windows-based software with actual meteor-mode built-in
> and a real study of ERP necessary to assure success. Look
> for information on both shortly.
>
> APRS sigers...you may want to subscribe to the PropNET
> listserve, too (also on http://www.tapr.org). The traffic
> there is normally quite light, but intensifies around meteor
> events.
>
> Ev, W2EV

>
>
>
> ---
> You are currently subscribed to propnet as: bpollard@netwest.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

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4. [propnet] Re: RIGHT NOW!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 01 Jul 2000 14:42:15 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94346-2000.07.01-13.56.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ben,
Yes, indeed. It's tough to know if it was Es or a good looooooong meteor or
"just" tropo, especially without the intervening digi information...which is all
I meant about APRS not being setup to study propagation. I suppose that it's a
matter of symantics, but observing propagation anomolies and studying them are
two different beasts. APRS is a fine tool for observing, it just isn't setup
well (the WIDEn-N digipeater network favors passing information, not studying
the path it took) to allow us to study propagation with any quantitative
analysis.

I, too, use it to give me a heads' up on 2-meter tropo. It sounds like we are
violently agreeing. :o) Keep those eyes peeled...tropo season is upon us!

Ev

Ben Pollard wrote:

> Ev,
> Looking at it I recieved one station here,
> KC7WFD>APW247,WA5IHL-11*,WIDE5:=4612.28N/11909.10WrPHG1118/WinAPRS
> 2.4.7 -WABENKENNEWIC-247-<530>
> and it sure looks like we had an e cloud move over. I conditions supported
> tropo we would have seen the whole digi path bringing in more stations. I
> tend to disagree with you on APRS not being a way to study DX propogation. I
> watch the screen and watch the tropo ducting forecast and they are actually
> pretty close. I have found that even though we are going thru digi's if we
> get an opening from a cetain part of the country, the tropo path map shows
> it and 2m ssb is ussually open.
>
> Just my 2 cents worth,
> 73
> Ben
>
> > 'Sure looks good to me! :o) In looking over the transmit
> > strings, most of these stations are using WIDE5-5 and
> > WIDE6-6, meaning 5 or 6 total digipeats (for the newbies
> > reading this). Dividing the DX by that many digipeats, you
> > get an average somewhere in the neighborhood of 250 miles
> > per hop; which, by itself isn't all that exceptional. Of
> > course if that was what was happening, then you'd see those
> > DX stations all the time which, I presume, you do not.
> >
> > Of course, I would bet that what is actually happening is
> > that 3 or 4 of those are being consumed local to the
> > launching station, and one (or two) big hop(s) in the middle
> > or end is (are) responsible for the DX nature of these
> > transmissions.
> >
> > Because the APRS network isn't designed to study DX
> > propagation (too many digipeaters process WIDEn-N with
> > destruction of the ID if the first digipeat), we'll never
> > really know. Even so...isn't it fascinating to use amateur
> > technology to probe the environment that we live in, to see
> > what can't be seen by others?
> >
> > By the way...start thinking METEOR SHOWER, folks! With the

> > Perseids in early August just around the corner, it's time
> > to give it another round! This year we have two new tools:
> > new windows-based software with actual meteor-mode built-in
> > and a real study of ERP necessary to assure success. Look
> > for information on both shortly.
> >
> > APRS sigers...you may want to subscribe to the PropNET
> > listserve, too (also on http://www.tapr.org). The traffic
> > there is normally quite light, but intensifies around meteor
> > events.
> >
> > Ev, W2EV
> >
> >
> >
> > ---
> > You are currently subscribed to propnet as: bpollard@netwest.com
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Re: RIGHT NOW!

From: Earl Needham <kd5xb@amsat.org>
Date: Sat, 01 Jul 2000 13:17:21 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94353-2000.07.01-14.21.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:42 PM 7/1/00 -0400, Ev Tupis (W2EV) wrote:
>Hi Ben,
>Yes, indeed. It's tough to know if it was Es or a good looooooong meteor

         I doubt it was a "good looooooong meteor", as it took several
minutes for all of them to come in. I don't remember exactly, but I think
it was 9 minutes or more.

         7 3
         Earl

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6. [propnet] Re: RIGHT NOW!

From: "Todd Ellis" <tellis6@bellsouth.net>
Date: Sat, 1 Jul 2000 15:27:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94354-2000.07.01-14.31.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >Yes, indeed. It's tough to know if it was Es or a good looooooong meteor
>
>   I doubt it was a "good looooooong meteor", as it took several
> minutes for all of them to come in. I don't remember exactly, but I think
> it was 9 minutes or more.
>

This reminds me of the time in the mid-80s when Ev fooled a 2M repeater
newbie into thinking there was a meteor shower going on. It took a while to
re-convince him that meteor scatter did not also involve long delayed echos
(LDEs)... W........B........2..........E........L........B..........

I think we laughed about that for at least a week.

Todd Ellis, N2XL
Raleigh, NC

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7. [propnet] Re: RIGHT NOW!

From: "Todd Ellis" <tellis6@bellsouth.net> (by way of Earl Needham <KD5XB@AMSAT.ORG>)
Date: Sat, 01 Jul 2000 18:29:47 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94365-2000.07.01-19.35.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >Yes, indeed. It's tough to know if it was Es or a good looooooong meteor
 >
 >   I doubt it was a "good looooooong meteor", as it took several
 > minutes for all of them to come in. I don't remember exactly, but I think
 > it was 9 minutes or more.
 >

This reminds me of the time in the mid-80s when Ev fooled a 2M repeater
newbie into thinking there was a meteor shower going on. It took a while to
re-convince him that meteor scatter did not also involve long delayed echos
(LDEs)... W........B........2..........E........L........B..........

I think we laughed about that for at least a week.

Todd Ellis, N2XL
Raleigh, NC

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8. [propnet] Propagation pix

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 03 Jul 2000 21:18:31 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94636-2000.07.03-22.25.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Y'all might like to take a look at
http://www.tarpleymusic.com/clovis/earl.htm as I've put up a picture of my
map with the latest round of Es from the 30th..

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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9. [propnet] Re: RIGHT NOW!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 02 Jul 2000 06:30:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94689-2000.07.04-07.23.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Todd Ellis wrote:
>
> > >Yes, indeed. It's tough to know if it was Es or a good looooooong meteor
> > >
> > >   I doubt it was a "good looooooong meteor", as it took several
> > > minutes for all of them to come in. I don't remember exactly, but I think
> > > it was 9 minutes or more.
> > >

>
> This reminds me of the time in the mid-80s when Ev fooled a 2M repeater
> newbie into thinking there was a meteor shower going on.

Hmmm. I'm not sure you have the right fella there, Todd. I
don't think you and I ever got into any mischief like that
as youth, did we? ;-> Uhhh...that was rhetorical, of
course...no need to actually answer that. <cheshire grin>

-= Ev =-

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: Propagation pix

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 04 Jul 2000 08:08:54 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94693-2000.07.04-07.24.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
>   Y'all might like to take a look at
> http://www.tarpleymusic.com/clovis/earl.htm as I've put up a picture of my
> map with the latest round of Es from the 30th..

Busted link, for me (I can't locate tarpleymusic.com). In
case it's my ISP, I'll try again later, though. THIS is the
kind of posting we need more of on this listserve, by the
way. It really showcases the power of the service. Thanks,
Earl!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Re: Propagation pix

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 04 Jul 2000 08:12:53 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94706-2000.07.04-09.20.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:08 AM 7/4/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
>Earl Needham wrote:
> >
> >   Y'all might like to take a look at
> > http://www.tarpleymusic.com/clovis/earl.htm as I've put up a picture of my
> > map with the latest round of Es from the 30th..
>
>Busted link, for me (I can't locate tarpleymusic.com). In
>case it's my ISP, I'll try again later, though.

      Please continue trying, and let me know what happens. Of course, it
works fine here, but then the server is only 100 miles away.

      Is there another way I could send this .gif to you, Ev? Seems to me
it might go well in your "Events you missed" section.

      BTW, a link to the World.map for dosAPRS or WinAPRS is on that page, too.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,

you breathe...)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] YET ANOTHER BAND OPENING!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 05 Jul 2000 19:08:41 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94974-2000.07.05-20.22.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I drove to Amarillo today, on business. when I got back, I had the
following in my stations list, picture of my map is at
http://www.tarpleymusic.com/clovis/earl.htm

      All these stations are AT LEAST 1000 miles from here! Most are in
Florida, with one or two in North Carolina. Wonder what happened to
Georgia and South Carolina...

      Earliest time I noticed was 1645 or so MY TIME (MDT) and latest
around 1747 MY TIME.

      7 3
      Earl

_____

W4IAX-7>APRS,KU4LY-7,WA5IHL-11*:!3035.06N/08815.94W#PHG5560/WIDE Mobile ARC
Digi

KC4MIX>APR823,W4IAX-7,KU4LY-7,WA5IHL-11*:=3036.36N/08813.55W- Gary in
Tillmans Corner, AL.

K4COE>3T3X9T,RELAY,WA5IHL-11*,WIDE:`r>(l"$v/>

WF6H-14>APR842,ECHO,GATE,NN4ER-10,WA5IHL-11*:@052230z3446.17N/08532.56Wu214/
000/APRS/good RMC/A=0009041121

N4BSA-9>R7US4W,KR4YL-10,AJ4Y-10,WA5IHL-11*:'nK.lhbj/]"4)}Chris from Largo
Florida
N4BSA-9>R7US0P,N4BSA,KR4YL-10,WA5IHL-11*:'nKol"ij/]"4:}Chris from Largo Florida
N4BSA-9>R7US0P,NA4AR,KR4YL-10,WA5IHL-11*:'nKol"ij/]"4:}Chris from Largo Florida
N4BSA-9>R7US0P,KR4YL-10,KF4ATP-1,WA5IHL-11*:'nKol"ij/]"42}
N4BSA-9>R7US0P,KR4YL-10,WA5IHL-11*,WIDE:'nKol"ij/]"48}Chris from Largo Florida
N4BSA-9>R7US0P,NA4AR,KR4YL-10,WA5IHL-11*:'nKol"ij/]"48}Chris from Largo Florida
N4BSA-9>R7US0P,KR4YL-10,WA5IHL-11*,WIDE:'nKol"ij/]"48}
N4BSA-9>R7US0P,NA4AR,KR4YL-10,WA5IHL-11*:'nKol"ij/]"48}
N4BSA-9>R7UR9Y,KR4YL-10,WA5IHL-11*,WIDE:'nKol"ij/]"4=}
N4BSA-9>R7UR9Y,RELAY,KR4YL-10,WA5IHL-11*:'nKol"ij/]"4=}
N4BSA-9>R7UR9Y,NA4AR,KR4YL-10,WA5IHL-11*:'nKol"ij/]"4=}
N4BSA-9>R7US0P,NA4AR,KR4YL-10,WA5IHL-11*:'nKol"ij/]"4<}

NA4AR>APW247,KR4YL-10,WA5IHL-11*,WIDE,FL:_07052322c306s002g006t085r000p062P0
00h00b10145wDAV
NA4AR>APW247,KR4YL-10,WA5IHL-11*,WIDE,FL:=2751.43N/08248.26W_PHG7171/West
Central Florida SKYWARN Group PIN-147A -FLPINSEMINOLE-247-<630>
NA4AR>APW247,KR4YL-10,WA5IHL-11*,WIDE,FL:=2751.43N/08248.26W_PHG7171/West
Central Florida SKYWARN Group PIN-147A -FLPINSEMINOLE-247-<630>
NA4AR>APW247,KR4YL-10,WA5IHL-11*,WIDE,FL:_07052327c305s004g007t084r000p062P0
00h00b10144wDAV
NA4AR>APW247,KR4YL-10,WA5IHL-11*,WIDE,FL:_07052327c305s004g007t084r000p062P0
00h00b10144wDAV
NA4AR>APW247,KR4YL-10,WA5IHL-11*,WIDE,FL::AE4XW   :Please check me in
Jerry{000

KR4YL-10>APRS,WA5IHL-11*,WIDE:!2756.00NN08243.19W#PHG5460 Pinellas W-R-FL
Clearwater, FL kr4yl@arrl.net

N2MNC-4>ID,KR4YL-10,WA5IHL-11*:N2MNC-4/R RELAY/D N2MNC-3/G N2MNC-1/B
N2MNC-4>APZ034,KR4YL-10,WA5IHL-11*:=2751.83N/08243.49W_005/002g006t087r004P0
20p020h67b10120zRSW
N2MNC-4>APZ034,NA4AR,WA5IHL-11*:=2751.83N/08243.49W_005/002g006t087r004P020p
020h67b10120zRSW

KF4KUL>APRX46,KR4YL-10,WA5IHL-11*,WIDE:@060033z2749.64N/08239.01W_324/002g00
5t087r000p000....h00b10150dU2k
KF4KUL>APRX46,KR4YL-10,WA5IHL-11*,WIDE:@060036z2749.64N/08239.01W_292/003g00

```
6t087r000p000....h00b10151dU2k

KA2TOC>APW247,KF4TLJ-12,WA5IHL-11*,WIDE:=2803.20N/08232.36W-PHG7130/WinAPRS
2.4.7 -FLHILTAMPA   -247-<530>

WB4PBF-2>APW242,KR4YL-10,WA5IHL-11*:_07060027c358s003g014t084r000p002P000h00
b10140wU2K
WB4PBF-2>APRS,KR4YL-10,WA5IHL-11*:!2746.18N/08238.40W_ Downtown St Petersburg

WX4TBW>APW241,KR4YL-10,WA5IHL-11*,WIDE,FL:=2742.30N\08223.85W_PHG7268/NWSFO-
Ruskin,FL  West Central FL SKYWARN Group -FLHILRUSKIN  -241-<530>

KE4BXF-9>GPSLV,WA4ZBM-5,WB4NJV-10,WA5IHL-11*:$GPRMC,233139,A,2727.628,N,0823
5.139,W,000.0,177.4,050700,003.9,W*79
KE4BXF-9>GPSLV,WA4ZBM-5,WB4NJV-10,WA5IHL-11*:$GPRMC,235424,A,2727.627,N,0823
5.139,W,000.0,177.4,050700,003.9,W*79

KE4IAM>APW228,WA5IHL-11*,WIDE6-2:=3602.25N/07953.00W_PHG5260/WinAPRS 2.2.8
-NCGUIGREENSBO-228-<530>

AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*:_07051414c279s005g009t086r000p000P000
h71b10110wRSW
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*:=2728.80N/08231.06W_PHG5260/WinAPRS
2.4.5 -FLMANBRADEMTO-245-<530>
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*::KE4LWN   :hi Helen thanks {003
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*::KE4LWN   :ack000
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*::AE3K     :Thanks Don{006
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*::WB8LPY   :Hi Jim thanks for the
check in{005
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*::WB8LPY   :ack001
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*::N4TEC    :Hi Harvey thank you{007
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*::AE3K     :ack000
AE4XW>APW245,WX4TBW,AJ4Y-10,WA5IHL-11*::N4TEC    :Hi Harvey thank you{007
AE4XW>APW245,WX4TBW,KR4YL-10,WA5IHL-11*::N4TEC    :Hi Harvey thank you{007
AE4XW>APW245,WX4TBW,WA5IHL-11*,WIDE:_07051426c288s004g008t085r000p000P000h73
b10110wRSW

W4IE-10>APW226,KR4YL-10,WA5IHL-11*:=2719.15N/08231.88WhPHG7460/WinAPRS
2.2.6 -FLSARSARASOTA-226-<530>

KG4DKJ-9>GPSMV,K4LKL-10,WA5IHL-11*,WIDE:$GPRMC,230013,A,2807.1511,N,08157.49
75,W,0.000,0.0,050700,4.3,W*7D
KG4DKJ-9>GPSMV,K4LKL-10,AJ4Y-10,WA5IHL-11*:$GPRMC,231414,A,2807.1511,N,08157
.4975,W,0.000,0.0,050700,4.3,W*7F
KG4DKJ-9>GPSMV,K4LKL-10,AJ4Y-10,WA5IHL-11*:$GPRMC,231514,A,2807.1511,N,08157
.4975,W,0.000,0.0,050700,4.3,W*7E
KG4DKJ-9>GPSMV,K4LKL-10,AJ4Y-10,WA5IHL-11*:$GPRMC,231914,A,2807.1511,N,08157
.4975,W,0.000,0.0,050700,4.3,W*72
KG4DKJ-9>GPSMV,RELAY,AJ4Y-10,WA5IHL-11*:$GPRMC,232015,A,2807.1511,N,08157.49
75,W,0.000,0.0,050700,4.3,W*79
KG4DKJ-9>GPSMV,RELAY,WA5IHL-11*,WIDE:$GPRMC,232215,A,2807.1511,N,08157.4975,
W,0.000,0.0,050700,4.3,W*7B
KG4DKJ-9>GPSMV,K4LKL-10,AJ4Y-10,WA5IHL-11*:$GPRMC,232215,A,2807.1511,N,08157
.4975,W,0.000,0.0,050700,4.3,W*7B
KG4DKJ-9>GPSMV,K4LKL-10,KR4YL-10,WA5IHL-11*:$GPRMC,232715,A,2807.1511,N,0815
7.4975,W,0.000,0.0,050700,4.3,W*7E
KG4DKJ-9>GPSMV,K4LKL-10,KR4YL-10,WA5IHL-11*:$GPRMC,232815,A,2807.1511,N,0815
7.4975,W,0.000,0.0,050700,4.3,W*71
KG4DKJ-9>GPSMV,K4LKL-10,KR4YL-10,WA5IHL-11*:$GPRMC,233315,A,2807.1511,N,0815
7.4975,W,0.000,0.0,050700,4.3,W*7B

WB4NJV-10>APRS,KR4YL-10,WA5IHL-11*:!2720.35NN08227.87W#PHG7560/Visit SERC
http://www.qsl.net/serc

WB4NJV>BEACON,WB4NJV-10,KU4LY-7,WA5IHL-11*:!2719.17N/08226.93W+Sarasota Red
Cross  wb4njv@arrl.net

KC5QWG>APS199,AJ4Y-10,WA5IHL-11*:=2809.74N/08151.45W-PHG714.50 APRS+SA Polk
City Florida

W1WLH-1>APW245,W4PLB-10,WA5IHL-11*:=2835.63N/08118.08WoPHG2160/WinAPRS
2.4.5. -FLORAORLANDO -245-<530>

W1WLH>APW245,W4PLB-10,WA5IHL-11*:=2830.63N/08119.63W-PHG2160/WinAPRS 2.4.5
-FLORAORLANDO -245-<520>
W1WLH>APW245,W4PLB-10,WA5IHL-11*:=2830.63N/08119.63W-PHG2160/WinAPRS 2.4.5
-FLORAORLANDO -245-<520>

W4MLB-1>BEACON,WA5IHL-11*,WIDE:!2805.16N/08036.52W# * PCARS APRS Wide Digi,
```

```
Melbourne, FL. *
W4MLB-1>ID,W4OT-3,WA5IHL-11*:W4MLB-1/R WIDE/D PCARS/B RELAY/N

KQ4MS-3>APRS,WA5IHL-11*,WIDE6-1:=3549.23NN07818.47W#PHG6460/W-R-T-N Digi in
Zebulon, NC

K1VAO-3>APRS,W4OT-3,WA5IHL-11*,TRACE:!2714.24NT08016.43W#PHG5400/W-R-T-FL
STUART,FL - Sponsored by PBPG

N4ORN-14>APRSW,K4PKT-3,WA5IHL-11*:$GPRMC,232300,A,2652.972,N,08005.997,W,038
.9,091.2,050700,000.0,E*6B
N4ORN-14>APRSW,K4PKT-3,WA5IHL-11*:$GPRMC,232700,A,2655.388,N,08005.625,W,046
.2,001.7,050700,000.0,E*6F
N4ORN-14>APRSW,K4PKT-3,WA5IHL-11*:$GPRMC,232730,A,2655.724,N,08005.609,W,041
.1,002.0,050700,000.0,E*60
N4ORN-14>APRSW,K4PKT-3,WA5IHL-11*:$GPRMC,234331,A,2655.687,N,08004.507,W,000
.0,,050700,000.0,E*4F

W4NAV-2>APW246,K4PKT-3,WA5IHL-11*,WIDE:=2640.28N/08011.26W-PHG2020/Nancy -
w4nav@arrl.net -FLPALW. PALM -246-<530>

KD4LXB-3>APRS,K4PKT-3,WIDE,WA5IHL-11*:!2632.48N/08004.18W_Boynton Bch FL Wx
Station...

KC5LXC>APS199,WA5IHL-11*,WIDE3:>120027z[199XW]pearsall@email.msn.com
KC5LXC>APRS,TCPIP,KB5WIO*::N0ENN    :ack&%vI.

KD4UJX>APW246,KR4YL-10,WA5IHL-11*:KDUJX in Seminole Hights, Tampa, EL87sx.

KU4LY-1>APRS,KU4LY-7,WA5IHL-11*:}W2TMT>APR837,TCPIP,KU4LY-1*::AF4WI
:GETTING SET UP NOW{16
KU4LY-1>APRS,KU4LY-7,WA5IHL-11*:}N5WWY>APM344,TCPIP,KU4LY-1*::W5HJS-5
:roger....{022
KU4LY-1>APRS,KU4LY-7,WA5IHL-11*:}AC4MK>APW244,TCPIP,KU4LY-1*::AE4XW    :ack001
KU4LY-1>APRS,KU4LY-7,WA5IHL-11*:}AC4MK>APW244,TCPIP,KU4LY-1*:=2726.95N/08235
.15W-PHG7200/WinAPRS 2.4.4   AC4MK@AOL.COM -FLMANBRADENTO-244-<530>
KU4LY-1>APRS,KU4LY-7,WA5IHL-11*:}AC4MK>APW244,TCPIP,KU4LY-1*::AE4XW    :ack001

N4BSA>APW247,WA5IHL-11*,WIDE5-3:_07052318c241s004g006t087r000p004P023h77b101
50wRSW
N4BSA>APW247,WA5IHL-11*,WIDE5-4:}N4TEC>APRS,TCPIP,N4BSA*::AE3K     :HI
DON.... HOW ARE U TONITE????{002
N4BSA>APW247,WA5IHL-11*,WIDE5-2:_07052326c246s003g004t087r000p004P023h77b101
50wRSW

N9OSQ-7>APW243,KU4LY-7,WA5IHL-11*:_07052305c226s004g011t089r000p000P000h00b1
0149wDAV

WA4SSP-2>APW245,WA5IHL-11*,WIDE4:*

WB2WPA-4>APW244,KS4NS-3,WA5IHL-11*,FL:_07060026c191s000g000t075r000p000P000h
86b10158wDAV

WX4MLB>APW232,RELAY,WA5IHL-11*,WIDE:>281138 UNMANNED STATION


---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

13. [propnet] Re: YET ANOTHER BAND OPENING!

```
From: "Ben Pollard" <ws5r@arrl.net>
Date: Wed, 5 Jul 2000 20:58:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-94977-2000.07.05-21.04.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hey!
I had the same thing, but Earl top this one:
KE4LAB>APW245,RELAY*,WIDE:=2728.55N\08237.78WKPHG0000/WinAPRS
2.4.5 -FLMANBRADENTO-245-<530>
or this one:
KE4BXF-9>GPSLV,WA4ZBM-5*,WIDE,WIDE:$GPRMC,012523,A,2727.630,N,08235.140,W,00
0.0,275.8,060700,003.9,W*7E
and the best is!
AE4XW>APW245,RELAY,WIDE,WIDE:_07051625c307s004g005t082r000p000P000h84b10110w
RSW
NO DIGIS!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
These were all in the 1200-1300 mile range.
```

I've also got a screen shot up at www.qsl.net/nwtx-ares/aprs

I knew the band was open because about this time I was driving back from
Lubbock and the FM Broadcast band was full! Heard a strange repeator also!
To bad I wasn't home on 2 ssb

73,
Ben
> I drove to Amarillo today, on business. when I got back, I had the
> following in my stations list, picture of my map is at
> http://www.tarpleymusic.com/clovis/earl.htm
>
> All these stations are AT LEAST 1000 miles from here! Most are in
> Florida, with one or two in North Carolina. Wonder what happened to
> Georgia and South Carolina...
>
> Earliest time I noticed was 1645 or so MY TIME (MDT) and latest
> around 1747 MY TIME.

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14. [propnet] 6 meter pile up!!!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 05 Jul 2000 19:16:32 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95013-2000.07.06-02.11.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sounds like a CW pileup on 50.110!!!

Time: 0118Z

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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15. [propnet] 6 meter pile up!!!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 05 Jul 2000 19:58:42 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95032-2000.07.06-06.11.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sounds like a CW pileup on 50.110!!!

Time: 0118Z

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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16. [propnet] Perseids Meteor Shower - Mental Preparation

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 06 Jul 2000 17:59:24 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95113-2000.07.06-17.04.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's that time of the year again, folks. Time to "think outside of the
standard APRS box" of tactical and public safety radiolocation and live
a little "on the edge" of FM Packet technology.

FM Packet Radio Meteor Scatter! August 12th (+/- a week) marks the
grand daddy of the meteor showers, the Perseids. In recent years, it
seems to have lowered production rates (by amateur observation, anyway),
but as is the case with natural phenomena, "past performance is not
necessarily indicative of future results" (or, is that the stock
market?).

Detailed guidelines and instructions will be forthcoming. In the mean
time, start thinking about participating, would you? This is what you
need to assure greatest success:

```
Software:
  Windows-based Computers      -- UI-View
  Non-windows MS-DOS computers -- APRSdos
Computer:
  See above
Transceiver:
  6-meter FM  (a vastly underutilized but highly
               productive band for MS work)
     -or-
  2-meter FM
Antenna:
  Big enough to get you the noted ERP (*absolute*
  minimum cited below but more is better here)
    6-meters -- 100 watts
    2-meters -- 500 watts
  By the way...no one with less ERP reported success last
  time, though many tried.  Just FYI.
TNC or Sound Card:
  as determined by your software choice
```

Of special note: I'd bet that other versions of APRS software will
provide you with success, too. It just so happens that the two titles
listed above have "Meteor Modes" built-in. UI-View has two *different*
modes, as a matter of fact.

You may remember from last year that WinAPRS was used. This year, I
would suggest against using that title, as it must be manually
configured to run, and really puts the old T/R relays through a
workout. Instead, if you are a Windows user, think about UI-View.
Roger has done a really bang-up job of implementation of Meteor Mode.
You can download it from http://welcome.to/ui-view (get the 16-bit
version, even if your brain tells you to get the 32-bit version). :o)

Start thinking about assembling your station now. Over the next couple
of weeks, I'll send updates.

By the way...a very intense discussion of Packet Meteor scatter takes
place on a related TAPR listserve. You will want to join it, if you get
a chance. Visit http://www.tapr.org and join the PropNET listserve. It
is very low traffic, except around meteor events and band openings.

That's it for now. Start thinking about "shooting a falling star". By
the way...if you are new to this APRS stuff, you will want to visit the
PropNET website (http://go.to/PropNET) to look over the hyperlink titled
"Events You Missed". You will see results from last years' Perseids and
Leonids tests.

Aim for the sky!
Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] And it just keeps on!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 06 Jul 2000 18:59:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95155-2000.07.06-20.09.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Although not as big, this was on my map this afternoon after work:

KA4KMA>APR827,WA5IHL-11*,WIDE4-2:=3507.03N/08045.08Wy Richard in
Matthews(CLT),NC. 73's!

1288 miles...

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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18. [propnet] Re: Perseids Meteor Shower - Mental Preparation

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 07 Jul 2000 08:27:32 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95242-2000.07.07-09.35.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:59 PM 7/6/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
>You may remember from last year that WinAPRS was used. This year, I
>would suggest against using that title, as it must be manually
>configured to run, and really puts the old T/R relays through a
>workout. Instead, if you are a Windows user, think about UI-View.
>Roger has done a really bang-up job of implementation of Meteor Mode.
>You can download it from http://welcome.to/ui-view (get the 16-bit
>version, even if your brain tells you to get the 32-bit version). :o)

OK, I have UI-View working here, looks like a good program, but of
course I have no experience with it. It's a little different.

How do I send a message with this program? The messages screen
doesn't give any "SEND" button...

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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19. [propnet] More!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 07 Jul 2000 08:40:05 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95310-2000.07.07-17.18.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got the following in UI-View this morning, hope I'm operating the
program correctly...

08:34:46R K5HAB-8>HAB,WA5IHL-11,WIDE5-2* <UI>:

@071434z4220.63N/08504.29Wv112/000/APRS+SA Balloon Chase

The program says 1123 miles, looks like three hops.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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20. [propnet] Re: Perseids Meteor Shower - Mental Preparation

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 07 Jul 2000 17:53:39 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95336-2000.07.07-20.52.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:59 PM 7/6/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>You may remember from last year that WinAPRS was used. This year, I
>would suggest against using that title, as it must be manually
>configured to run, and really puts the old T/R relays through a
>workout. Instead, if you are a Windows user, think about UI-View.
>Roger has done a really bang-up job of implementation of Meteor Mode.
>You can download it from http://welcome.to/ui-view (get the 16-bit
>version, even if your brain tells you to get the 32-bit version). :o)

Ok, Ev, let me make a request --

I've downloaded UI-View version 2.24 and the US maps. The program
works OK, but there are a few things I can't quite seem to figure
out. things like zooming in to a better view on the map, forcing the map
to redraw, etc. WinAPRS and UI-View are so different that I'm really
having some problems.

And meteor mode! I c\found out how to turn it on, but have we
settled on a set of normal parameters for the Perseids? For instance,
beacon "interval" or "burst"? If burst, how often and for how long?

How about a complete setup for UI-View for the upcoming meteor showers?

Thanks,
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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21. [propnet] Re: [aprssig] Re: VHF propagation vs digi magic...was Rare Opport unity, Please Help!

From: "Ben Pollard" <ws5r@arrl.net>
Date: Fri, 7 Jul 2000 21:01:39 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95338-2000.07.07-21.07.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No Flames towards Pete intended:

----- Original Message -----
From: "pmarkham" <pmarkham@newsguy.com>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>

> This year, for reasons I voiced in recent posts, I suspect typical warm
weather
> ducting and local inversions have enhanced propagation so that all the
"gee
> whiz" enhancements to the protocol coupled with a dash of ignorance is far
more
> likely to be responsible for Earl's impressive map than a coast to coast
> propagation phenomenon unknown to weak signal cw and ssb ops but obvious
to fm
> packet APRS ops.

As one that does weak sig work and on APRS I can say from experience, this opening was NOT Tropo! I posted a couple messages to the sig which have been ignored due to Earl's impressive map, but if people would have read them, they would of seen how this opening went from nothing to a jammed FM Braodcast band (I was mobile with no ssb gear in the car), back to nothing in about an hour. This was not tropo, as tropo as most people knowtopo to be as it doesn't exist in WTX and ENM, because we have no tropo trees! I posted a packet I recieved from FLA, which again was overlooked, which was a DIRECT packet from FLA.

> If, with a relatively conservative station and a 13b2 at 47' I can copy
much of
> the Great Lakes area in Summer, directly, some 300 miles+ radius, then why
must
> it be likely that digipeated signals across the southern tier of states,
> through a well known hotbed of summer inversions and ducting is less
likely
> than a rare long term E's path or LONG haul tropo path unnoticed by
everyone
> else?

Because on a typical summer day at 5:00 pm with a good station 18 el on 30' boom at 60' and a preamp, you have a hard time copying a station 100 miles away. We can usually reach out 200-300 miles in the morning and usually show some good tropo on APRS.

Enough said as this will likely be ingnored, so I don't know why I'm wasting my time, so I just boogie on out of here and keep my opinions and openings to myself from here on out.

Outta Here...
Ben
WS5R

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22. [propnet] Compressed mode?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 07 Jul 2000 19:41:12 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95374-2000.07.08-03.53.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I notice UI_View does compressed mode. Should we do that for meteor work?

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

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23. [propnet] Re: [aprssig] Re: VHF propagation vs digi magic...was Rare Opport unity, Please Help!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 07 Jul 2000 20:42:34 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95375-2000.07.08-03.54.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:01 PM 7/7/00 -0500, Ben Pollard blasted the following out into the ether:
><snip>
>I posted a couple messages to the sig which have been
>ignored due to Earl's impressive map
<snip>
>Enough said as this will likely be ingnored, so I don't know why I'm wasting
>my time, so I just boogie on out of here and keep my opinions and openings
>to myself from here on out.

Well, Ben, there are at least a couple of people who will welcome
hearing your opinions and openings, and I'm one! Keep us in the loop, OK?

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

24. [propnet] Re: [aprssig] Re: VHF propagation vs digi magic...was Rare Opport unity, Please Help!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 07 Jul 2000 22:31:52 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95390-2000.07.08-07.54.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:44 PM 7/7/00 -0400, pmarkham blasted the following out into the ether:
><snip>
>I saw no times on the map and no time related data for the individual packets
>that painted the positions. I saw nothing that indicated they were direct,
>digi'd, gated, or invented. (I am making a point, Earl, not implying you
>faked
>them..;-)

HEY! I GOT RG8U COMING IN -- ISN'T THAT RUSSIA OR SOMETHING??? <G>

>Maybe I missed that info in a post to APRSSIG. If I did, Earl, please
>e-mail me
>a copy, if you have one.

Actually, I only posted the local times that the packets arrived
here. Sorry --

>between 2103 and 2141 MY TIME.

On the 30th, and

>Date: Fri, 30 Jun 2000 21:53:03 -0600
><snip>
> They're STILL coming in! This JUST came in!!!

>If such details were given, and they mesh with a number of reports
>concerning a
>transitory Es event, and someone can provide a reason why those particular
>packets Earl mapped were not a consequence of firmware/software magic via
>propagation other than Es, I will be swayed. (If no tropo is a reality at
>Earl's qth, there is little reason to consider much other than Es).
>
>If there is no tropo at Earl's, due to the absence of tropo trees in WTX and

>ENM,

      Tropo trees? TROPO TREES? Shucks, we ain't got NO TREES!!!

> then I am inclined to think he is located in a hotbed of meteor scatter
>and Es, unknown to the rest of the country, judging by the numerous
>reports of
>direct long haul from Earl. Presently, what I remember reading is conjecture,
>not of your real time experience, mine, or others related on this and other
>reflectors, but of the propagation mechanism of Earl's mapped packets.
>
>Help me, Earl, I would like some details..but if its oldtimers, you can't
>help
>me ;-(

      Pete, I can repost the packets if you like, but they all show a digi
path of some sort. At the time I asked, and I still wonder, whether some
IGATE might be relaying the packets without labelling them as such -- is
that possible? Or maybe an HF GATE doing the same thing? Can a station do
that without being detected???

      Also, I've been hearing W7JG on 50.110 tonight...Just to add a little
interest, I guess!

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

25. [propnet] Re: Compressed mode?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 08 Jul 2000 10:59:37 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95403-2000.07.08-10.02.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,
I'm now working on the full writeup on UI-View.
Please...play with it and offer some input to the sig.
Let's make this a group effort...not just "what Ev wants".
:o)

BTW...ui-view doesn't zoom. You need seperate maps for each
view.

Ev, W2EV
I'll be back on after this weekend...the Honey-do list
includes sealing the back deck. :o)

Earl Needham wrote:
>
>   I notice UI_View does compressed mode. Should we do that for meteor
> work?
>
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

26. [propnet] Re: Compressed mode?

From: Earl Needham <kd5xb@amsat.org>
Date: Sat, 08 Jul 2000 11:25:13 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95426-2000.07.08-14.28.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:59 AM 7/8/00 -0400, you wrote:
>Earl,
>I'm now working on the full writeup on UI-View.
>Please...play with it and offer some input to the sig.

I'm concerned that, if I use compressed mode, some forms of software may not understand it.

><snip>
>BTW...ui-view doesn't zoom. You need seperate maps for each
>view.

So I found out! Where can I get more detailed maps? How can I make them show up on the "Load Map" screen? Some that I've downloaded DON'T show up.

7 3
Earl

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

27. [propnet] Meteor Scatter Program URL: UI-View

From: "Tupis, Ev" <evman@ix.netcom.com>
Date: Sat, 08 Jul 2000 19:53:16 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95447-2000.07.08-18.58.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Many appologies. I referenced the wrong URL. If you would like the program (the only windows program to support both Meteor Modes, by the way), try one of the following two:

UI-View URL is
http://welcome.to/uiview
and
http://www.packetradio.org.uk

By the way...download the 16-bit version of the program, even if it goes aganst everything you believe in. It is fully functional for our purpose, and very stable. Later, you can download the 32 bit version and pay the registration fee, which is quite reasonable (10 pounds, UK).

Take the time to familiarize yourself with the software for a few days on the regular APRS service (it works well there). In a couple of days, I'll have step-by-step instructions for setting up for a successful MS operation.

GL Everyon! and once again, sorry for the misqueue on the URL originally.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

28. [propnet] Once more

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 08 Jul 2000 22:34:51 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95483-2000.07.08-23.42.50--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Long range seems to be trying again tonight -- I received the
following packets between 2207 MDT and 2211 MDT tonight:

K6EKB-7>SXTQSW,WB5EKP-1,WA5IHL-11*,WIDE3:`1\Kl [/>k6ekb@arrl.net
K6EKB-7>SXTQSW,WB5EKP-1,WA5IHL-11*,WIDE3:`1\Kl [/>k6ekb@arrl.net
K6EKB-7>APK001,WB5EKP-1,WA5IHL-11*,WIDE3-1::KF6QHT   :Ich Liebe Dich sehr! Ed{8

      1040 miles.

      Sure wish I could tell EXACTLY what's going on...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

29. [propnet] Re: propnet digest: July 08, 2000

From: dave.g0dja@psilink.co.uk (David J. Ackrill)
Date: Sun, 09 Jul 2000 11:54:29 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95516-2000.07.09-06.58.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>BTW...ui-view doesn't zoom. You need seperate maps for each
>>view.
>
>   So I found out! Where can I get more detailed maps? How can I
>make them show up on the "Load Map" screen? Some that I've downloaded
>DON'T show up.

Have you set up a new INF file for each of the maps, and put it in the maps
folder with the new map, I wonder?

Most problems that people get are due to either not having an INF file (with
the lat/long for the top left and bottom right of the map) or not putting it
in the maps folder.

Also, if you get the lat/long wrong, the main screen will have the wrong
square for that map shown, and you will get distorted displays.

A final 'hint', which I've got wrong many times, is to make sure you name
the INF file with the name of the map it relates to..... So, for example,
my local map of Bolsover is called BOLSOVER#1.BMP and the associated INF
file is BOLSOVER#1.INF.

Hope this helps a bit?

There is a very good help file with UI-View. Roger put a lot of time and
effort into it, and it's like a tutorial about how UI-View can be set up and
what to do to make maps etc.

Cheers de Dave (G0DJA)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

30. [propnet] Re: Once more

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 09 Jul 2000 08:34:59 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95524-2000.07.09-07.55.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
>   Long range seems to be trying again tonight -- I received the
> following packets between 2207 MDT and 2211 MDT tonight:
>
> K6EKB-7>SXTQSW,WB5EKP-1,WA5IHL-11*,WIDE3:`1\Kl [/>k6ekb@arrl.net
> K6EKB-7>SXTQSW,WB5EKP-1,WA5IHL-11*,WIDE3:`1\Kl [/>k6ekb@arrl.net
> K6EKB-7>APK001,WB5EKP-1,WA5IHL-11*,WIDE3-1::KF6QHT   :Ich Liebe Dich sehr! Ed{8
>
>   1040 miles.
>
>   Sure wish I could tell EXACTLY what's going on...

The band gods are looking favorably on the desert southwest
these days. :o)

This one looks like it was probably launched as a
RELAY,WIDE3-3; originating in the neighborhood of WB5EKP-1.
As such, giving us just a tad bit more insight into where
the long-range mechanism "kicked in", but not enough to
really understand much. Any idea if the K6EKB-7 to WB5EKP-1
distance is remarkable in any way, Earl? Knowing that most
of the digi's in the west and southwest are sitting on
mountains, I'd bet the secret is still buried somewhere in
the WIDEn-N system.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

31. [propnet] Re: propnet digest: July 08, 2000

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 09 Jul 2000 08:20:18 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95535-2000.07.09-09.42.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:54 AM 7/9/00 -0700, David J. Ackrill blasted the following out into
the ether:
><snip>
>Have you set up a new INF file for each of the maps, and put it in the maps
>folder with the new map, I wonder?

      Yes, in fact, the maps I downloaded seemed to be "all set up" already.
      I just found the problem with one that I made -- the .inf file was
actually a .txt file! After fixing that little error, it seems to work
OK. <G>

      Thanks for the help, Dave. I think maybe I just need to spend more
time learning the program. I'll probably make some more maps for myself, too.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

32. [propnet] URL Update for UI-View MS Software

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 09 Jul 2000 13:47:33 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95554-2000.07.09-12.53.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oops.. Sorry, folks. Try this:

UI-View URL is
http://welcome.to/uiview
and
http://www.packetradio.org.uk

Download the 16-bit version, even if it goes against your grain to do
so. It is stable and fully functional for MS. Use it on the APRS
service for a few days to understand it's interface. In a couple 'o
days, I'll post a full set of instructions for getting it set for MS.

Enjoy!
Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

33. [propnet] Re: Once more

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 09 Jul 2000 08:35:04 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95567-2000.07.09-15.28.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:34 AM 7/9/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>The band gods are looking favorably on the desert southwest
>these days. :o)

      Either that, or somebody is having a LOT of fun pulling some kind of
prank on me! <G>

>This one looks like it was probably launched as a
>RELAY,WIDE3-3; originating in the neighborhood of WB5EKP-1.
>As such, giving us just a tad bit more insight into where
>the long-range mechanism "kicked in", but not enough to
>really understand much. Any idea if the K6EKB-7 to WB5EKP-1
>distance is remarkable in any way, Earl?

      The only thing I can see that's remarkable about this is --

      A line drawn straight from K6EKB-7 to WB5EKP-1 is just less than 800
miles long. But here's the interesting part, at least to me -- it runs
just about 100 miles north of Las Vegas, Nevada, near Tonopah Test Range,
where the Stealth Fighter operated for some years before its existence
became public. That is ALSO near another installation that is pretty
important, but has been a secret until the past few years. I don't know if
that has anything to do with radio propagation, but I suspect not. It's
just interesting to see where the path led.

      Are there any digis in that part of Nevada? I don't think I've ever
seen any there when I've connected to the TCP/IP feed.

>   Knowing that most of the digi's in the west and southwest are sitting on
>mountains, I'd bet the secret is still buried somewhere in
>the WIDEn-N system.

      Could be, but at the very least we've had propagation lately that we
don't normally have. And I'm STILL trying to figure out what's happening here.

      As I said earlier, there's a fellow in Amarillo (100 miles from here)
and another in Albuquerque (220 miles from here) who sometimes run
IGATES. Packets they IGATE out usually have TCPIP IN THE PATH. Is it
possible this doesn't always happen? Perhaps an IGATE that is set up
improperly could do this?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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34. [propnet] Re: Once more

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 09 Jul 2000 08:42:06 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95585-2000.07.09-19.28.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:34 AM 7/9/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
>Earl Needham wrote:
><snip>
> > K6EKB-7>SXTQSW,WB5EKP-1,WA5IHL-11*,WIDE3:`1\Kl [/>k6ekb@arrl.net
> > K6EKB-7>SXTQSW,WB5EKP-1,WA5IHL-11*,WIDE3:`1\Kl [/>k6ekb@arrl.net
> > K6EKB-7>APK001,WB5EKP-1,WA5IHL-11*,WIDE3-1::KF6QHT   :Ich Liebe Dich
> sehr! Ed{8
> >
> >   1040 miles.
><snip>
>This one looks like it was probably launched as a
>RELAY,WIDE3-3; originating in the neighborhood of WB5EKP-1.

      Forgot to mention this -- K6EKB-7 is plotted on my map about 20 miles
east of Sacramento, California.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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35. [propnet] UI-View icon

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 09 Jul 2000 08:58:01 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95586-2000.07.09-19.29.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just noticed something interesting.

      When using UI-View, my station icon is a house. Unless in compressed
mode, then it's a "tropical island"! What the heck???

      Is there a UI-View list where I could lurk and learn?

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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36. [propnet] UI-View icon

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 09 Jul 2000 09:34:59 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95587-2000.07.09-19.29.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I sent:

>   Just noticed something interesting.
>
>   When using UI-View, my station icon is a house. Unless in
> compressed mode, then it's a "tropical island"! What the heck???

      What I ACTUALLY notice, over several minutes, is that the icon CHANGES.

      I'm using AGWPE here, and I have WinAPRS 2.4.7 running, along with
UI-View 2.24. WinAPRS is KD5XB-2, and UI-View is KD5XB-3.
      The icon from WinAPRS is a house. Currently, the icon from UI-View
(looking at it from WinAPRS) is the red concentric circle target-looking
thing. It has been a tropical island (IOTA?) icon and a couple of others,
I think. If I turn the compression off, the icon becomes a house
again. When I turn the compression back on, the icon currently changes
back to the red circles.
      Here are some sample packets:

KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:=/=)MI4F!k- BTesting UI-View {UIV22N}
KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:=/=)MI4F!k- BTesting UI-View {UIV22}
KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:>090921 Testing UI-View
KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:>090922 Testing UI-View
KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:=/=)1Q4F!k- BTesting UI-View {UIV22}
KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:=/=)MI4F!k- BTesting UI-View {UIV22}
KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:>090927 DX: WA5IHL-11 34.30.44N 103.33.38W
20.2 miles 287
KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:=3425.45N/10313.02W-Testing UI-View {UIV22}
KD5XB-3>APRS,WA5IHL-11*,WIDE5-4:=/=)MI4F!k- BTesting UI-View {UIV22}

      I'm getting REALLY confused here! Any ideas what's going on?

      Thanks,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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37. [propnet] Re: [aprssig] Re: And it just keeps on!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 09 Jul 2000 20:05:38 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95611-2000.07.09-22.57.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:53 PM 7/9/00 -0400, pmarkham blasted the following out into the ether:
>I fully expected you to say that, Earl.

      How did you know I was going to call Rich and ask what his path
was? Even *I* didn't know I was going to do so until I started dialing! <G>

> Based on the discussion a few months
>ago and the recent refresher course, thanks to several public and private
>responses, I have no reason to change my view.
>
>Unless you filter out all digid packets, and consider the direct only, any
>deductions concerning the origination of digid packets is not much better
>than
>a poor guess of whether you hear cabbage or Es. Many of the packets posted
>had
>5 or 6 digis used up with no way to tell where they were.

That's why I called Rich -- to see what he was sending, and whether
or not he was using HF.
Anyway -- what does it matter? If the greatest range I normally see
is 600 miles, and that with seven hops, and suddenly I'm seeing double that
on TWO hops, then I think it's pretty neat.
AND I think there have to be some really long hops
happening. Whether it's E's or tropo or a digi on an SR-71, it doesn't
matter. Something unusual happened and it was exciting.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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38. [propnet] UI-View Help & eMail remailer

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 10 Jul 2000 06:59:52 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95646-2000.07.10-06.01.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
In case you are wondering, UI-View is written by Roger
Barker (from the UK). There is a list that supports is on
OneList.com.

Additionally, unlike the WinAPRS program, UI-View has a
significant Helpfile. Please take the time to read it over
as well.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

39. [propnet] Fwd: AstroAlert: Middle Latitude Auroral Activity Watch - 10-12 July

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 10 Jul 2000 07:08:48 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95661-2000.07.10-08.15.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Middle Latitude Auroral Activity Watch - 10-12 July
>To: sun-earth@skypub.com
>Date: Mon, 10 Jul 2000 00:43:55 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
> A s t r o A l e r t
> Sun-Earth Alert
>
> Solar Terrestrial Dispatch
> http://www.spacew.com
>
> 10 July 2000
> ** Effective Immediately **
>
> * Middle Latitude Auroral Activity WATCH Issued for 10-12 July *
> * Aurora Software Available to Download *
>
>
> A full halo coronal mass ejection thought to be associated with a large
>filament eruption from near the center of the visible Sun on 07 July has
>impacted the Earth almost 24 hours sooner than previously anticipated. The
>disturbance passed the ACE spacecraft less than 5 minutes ago (near 05:59 UTC
>on 10 July) and should reach the Earth within about 40 minutes. The potential

>impact on the Earth will be somewhat higher than previously anticipated, with
>periods of minor to possibly brief major auroral and geomagnetic storming
>possible.
>
>   There is a fair possibility for periods of auroral activity becoming
>visible over many dark-sky middle latitude regions over the next 24 to 48
>hours. This is not expected to be a significant event, but could produce
>periods of impressive activity from many middle latitude locations.
>
>   To aid observers in spotting periods of activity and in staying on top
>of the very latest information, a new software product has been released that
>is available for download at: http://www.spacew.com/aurora. Please note that
>demand for this software has been fairly high. If you have problems obtaining
>it, please try again later. We hope to establish a mirror site soon. Any
>mirror sites will be posted at the URL noted above.
>
>   Observers who spot auroral activity are encouraged to submit their
>observations to the Auroral Activity Observation Network via the
>aforementioned software package, or by visiting the site:
>http://www.spacew.com/www/subaurora.html. All submissions are made available
>to those running the software as well as on the Internet at the URL:
>http://www.spacew.com/www/auroras.html within about 2 minutes of our receipt
>of sightings reports.
>
>
>** End of Update **

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

40. [propnet] Forgot to add...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 10 Jul 2000 08:26:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95695-2000.07.10-11.16.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I forgot to mention that, if you have a GPS, and you use UI-View, you
can allow UI-View to sync you computer clock to GPS time. That would keep
us all synchronized with our 15-second bursts.

      7 3
      earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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41. [propnet] Re: propnet digest: July 09, 2000

From: dave.g0dja@psilink.co.uk (David J. Ackrill)
Date: Mon, 10 Jul 2000 17:37:38 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95705-2000.07.10-12.42.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: Re: propnet digest: July 08, 2000
>From: Earl Needham <KD5XB@AMSAT.ORG>
>
>   Yes, in fact, the maps I downloaded seemed to be "all set up" already.
>   I just found the problem with one that I made -- the .inf file was
>actually a .txt file! After fixing that little error, it seems to work
>OK. <G>

AH! Yes, I've had that with WIN98! The *&^£!% program gives the file a
name like BOLSOVER#1.INF.TXT when saving from notepad and it's a real pain
to rename the thing!!!

>   Thanks for the help, Dave. I think maybe I just need to spend more

>time learning the program. I'll probably make some more maps for myself, too.

Have fun.

I've forwarded Earls question to the UI-View list on eGroups, as Roger is
more likely to know why the symbol is changing than I am. ;-)

Cheers de Dave (G0DJA)

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42. [propnet] UI-View and Meteor Showers

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 10 Jul 2000 14:47:00 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95734-2000.07.10-17.40.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have given this some thought over the past day or two, and have
reached the following conclusions:

      1. We should encourage the use of UI-View for meteor work. The
inclusion of the meteor mode is MORE than helpful -- it's almost a requirement.

      2. Setup, I believe, should be as follows:

           a. Beacon text should be your 4-character grid square,
surrounded by square brackets.

          b. According to Bob Bruninga's METEOR.TXT, the unproto address
for APRS MUST be a standard address. We want to use a route of HOP1-1. In
my case, this would be APRS,HOP1-1. Note that UI-View does not use V or
VIA in its routing, just commas. In experimenting here, I find that the
following packet works fine coming from UI-View and plotting on WinAPRS 2.4.7:

      KD5XB-3>APRS,WA5IHL-11*:[DM84]

      (I bounced this through the local digi to ensure it would work.)

      b. Beacon text should be your 4-digit grid square. [DM84] in my case.

      c. Method employed should be BURST, with the following timings, from
Bob Bruninga's METEOR.TXT:

>In order for this to work optimally, everyone must be synchronized to
>within a few seconds of WWV! APRS will let the Northeast transmit from 00
>to 15, then the Southeast to 30, then the Southwest to 45 and then the
>Northwest to 00. The dividing lines are 39 degrees latitude and 96
>degrees longitude. Most Meteor showers only peak for a few days, so,
>although this mode will generate a LOT of local QRM on 145.79, it wont
>last long!

      The setup for this, in UI-View, is as follows:

      Click "BURST".
      In the "START" window, stations in the northeast will put 0.
      Stations in the southeast will put 15 in the "START" window.
      Stations in the southwest will put 30 in the "START" window.
      Stations in the northwest will put 45 in the "START" window.

      Duration can be anything up to 15 seconds, depending on how much you
want to heat your finals. <G>

      I think that about covers it, but Ev may have something to
add. Please feel free to offer improvements, THROUGH THE LIST, so we can
all benefit.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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43. [propnet] Band opening!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 10 Jul 2000 19:51:34 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95755-2000.07.10-20.57.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WOW! I've sure been getting a lot of these lately.
      I've been in the habit of sending a cc: to the APRSSIG when this
happens, but a couple of guys over there seem to think I shouldn't, so I'm not.

      Just got the following packets, all over 800 miles, all on 2 meters,
AND THEY'RE STILL COMING IN:
      (Nothing heard on 53.530, but I'm there, too.)

N9OSR>APW233,RELAY,WA5IHL-11*:=4019.93N/08946.86W_PHG7390/WinAPRS 2.3.3
-ILMASFOREST C-233-<520>

K9SI>APRX46,WA5IHL-11*,WIDE4:=4003.31N/08802.09W- PHG3130

N9GKE>APW243,WA5IHL-11*,WIDE5-1:=4027.30N/08649.98W_PHG2200/WinAPRS 2.4.3
-243-<520>
N9GKE>APW243,WA5IHL-11*,WIDE5:_07110129c315s000g002t079r000p000P000h..b.....
wUII

WB5WUZ-1>APW245,WA5IHL-11*,WIDE5:=3938.85N/08608.20WrPHG3030/WinAPRS 2.4.5
-INMARINDY   -245-<530>

WV9O-1>TQRX2V,WA5IHL-11*,WIDE:'sX%l j/]

WV9W-10>APRS,WA5IHL-11*,WIDE5:!3915.45NN08556.54W#PHG7260/W-R-T-IN Columbus, IN

WB9HBH>APR846,WA5IHL-11*,WIDE5:@110124z3942.14N/08537.90W_324/003g004t080r00
0p000....b10265dDvsDvs

NK8R>APW246,RELAY,K8PLW-1,K1DE-5,NK8X-10,WA5IHL-11*,WIDE:RICHARD IN LAPEER

W8EH>APW245,W8MWO,WA5IHL-11*,WIDE4-1:_07110130c315s000g003t084r000p000P000h.
.b.....wUII

WB9TLH-10>APRS,WA5IHL-15,WA5IHL-11*,WIDE3-1:_07100111c000s000g000t082r000p00
0P000h74b10122uU2K

WB9TLH-7>S9PT0T,WB9TLH-10,WA5IHL-11*,WIDE4-1:`rA\l [/>WB9TLH@ARRL.NET

KC8HFX-10>APRS,WA5IHL-11*,WIDE5-1:!3946.75NN08438.16W#PHG7480/W-R-T-OH/PREBL
E COUNTY COURT HOUSE

KB9UPD>S9UQ2T,K9HGX,W9GSS*:`tW(l"\j/>

W9HOI>APRS,W9GSS*,WIDE:!4046.68NN08945.28W#PHG7380/Relay-Wide-Trace * Wide
Area Digi *
W9HOI>APRS,W9GSS*,TRACE5-4:!4046.68NN08945.28W#PHG7380/Relay-Wide-Trace *
Wide Area Digi *

KB9LJE-1>APW233,K9ORP-1,W9GSS*:_07101638c090s000g000t078r000p000P000h..b....
.wUII

N8NQF>APW243,W8MWO,WA5IHL-11*,WIDE4:=3931.55N/08420.65W_PHG5138/WinAPRS
2.4.3 -OHBUTMIDDLETO-243-<530>

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44. [propnet] Short (or not) packets with UI-View

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 10 Jul 2000 21:12:35 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Cc: propnet@greeceny.com, dave.g0dja@psilink.co.uk, tellis6@bellsouth.net
Message-ID: <LYR1548-95796-2000.07.11-00.06.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've noticed that my MS packets aren't as short as I had
hoped. Although I THINK I have everything set up properly, my packets are
longer than necessary.

      I had wanted to send:

KD5XB-6>APRS,HOP1-1 <UI C>:[DM84]

      but the packets that are going out are:

KD5XB-6>APRS,HOP1-1 <UI C>:=3425.85N/10313.55W-[DM84] {UIV22N}

      I took the UI-View tag off, and ended up with:

KD5XB-6>APRS,HOP1-1 <UI C>:=3425.85N/10313.55W-[DM84]

      So how do I make it even shorter?

      And I STILL am not getting messages from me to PropNet and back!

      Thanks,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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45. [propnet] Re: Band opening!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 11 Jul 2000 01:22:49 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95804-2000.07.11-03.13.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:51 PM 7/10/00 -0600, Earl Needham blasted the following out into the
ether:

>   WOW! I've sure been getting a lot of these lately.
>   I've been in the habit of sending a cc: to the APRSSIG when this
> happens, but a couple of guys over there seem to think I shouldn't, so I'm not.
>
>   Just got the following packets, all over 800 miles, all on 2 meters,
> AND THEY'RE STILL COMING IN:
>   (Nothing heard on 53.530, but I'm there, too.)

<snip>

      As usual, pictures at http://www.tarpleymusic.com/clovis/earl.htm

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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46. [propnet] UI-View Configuration Options

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 11 Jul 2000 07:21:43 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95808-2000.07.11-06.23.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
I'm very happy to hear that we've got some more
experimentation going on. This is GREAT! So far, Earl
mentioned (and I've abbreviated):

1. UI-VIEW ought to be encouraged for MS work.
   1.a Its' Meteor Mode is vastly superior to previous
iterations
2. Setup should include "human readable" Grid-in-Brackets
format
   2.a Use of standard APRS "to-field" (suggested to use
"APRS")
   2.a.1 Use of HOP1-1 to attempt the "QSL" feature again
   2.b Use of 4-character grid-square ([DM84] in his case)
3. Use of BURST mode with 15-second quadrant-timing from
meteor.txt

So...here are some questions (and initial comments):
The APRS service has a "problem" in that the
band-of-origination can't be easily determined. What do
folks think about changing the TOfield to include band
information? For instance, rather than launching a packet
formatted like this: KD5XB-3>APRS,HOP1-1:[DM84] we
configure to send one like this: KD5XB-3>CQ53,HOP1-1:[DM84]
(assuming a 6-meter station, or CQ147 assuming a 2-meter
station)? CQ ought to be a "wild card", allowing anything
after it (according to some conversations that I've had with
Bob, anyway). This would seem like a minor modification
that would bring a more auditable future to us. What are
our thoughts, collectively?

The attempt to get a QSL-packet back was the #1 cause of
failure during the last attempt. First, because I forgot to
include the FULLDUP ON command to disable the CSMA function,
but second because of all of the local digipeats that
occured in high-population areas. These two features
combined to absolutly clogg the frequency on the east and
west coasts. There are a few ways to handle it this year:
1. Eliminate the HOP attempt and go with strait meteor
scatter
2. Attempt the HOP attempt again, but assure everyone turns
FULLDUP ON
3. Attempt the HOP attempt again, FULLDUP ON and SUPLIST any
local nodes
4. <fill-in your suggestion here>
Again, any discussion on this point?

I am also interested in the thought behind using a
4-character grid square rather than a full 6-character grid
square.

Lastly, I'm in full agreement that a majority of us use the
15-second BURST mode. It will be a lot easier on your T/R
relays, and -- with a duty cycle of 15-seconds ON to
45-seconds OFF, the finals ought to stay cool enough to run
for several days (should one choose to do so).

Earl, you've done a super job of exploring this new software
title. Thanks for the hard work and effort. Please,
though, other comments are welcome, too. The PropNET
community is full of super resources!

Ev, W2EV

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47. [propnet] Re: Short (or not) packets with UI-View

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 11 Jul 2000 07:32:05 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95809-2000.07.11-06.33.33--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Earl Needham wrote:
> I've noticed that my MS packets aren't as short as I had
> hoped. Although I THINK I have everything set up properly, my packets are
> longer than necessary.
>
> I had wanted to send:
> KD5XB-6>APRS,HOP1-1 <UI C>:[DM84]
>
> but the packets that are going out are:
> KD5XB-6>APRS,HOP1-1 <UI C>:=3425.85N/10313.55W-[DM84] {UIV22N}

Earl,
You've stumbled across one of the very few "confusing"
aspects of UI-View. I will also preface by saying that it
is confusing only because we are used to the personality of
WinAPRS.

UI-View actually has TWO transmit modes. "APRS" and
"Meteor". They are two independent modes (with independent
setups). What you have done is configured your station to
transmit "APRS" mode posits with a comment text of [DM84].
What you actually need to do is two things:
Setup|Meteor Mode and put [DM84] in the comment text there
Options|Meteor Mode to take UI-View out of "APRS" mode and
into "Meteor" Mode (a check should appear next to meteor
mode under that menu after you do this).

Doing this will launch packets the way you (and we all) want
to.

Here's an interesting "personality" note: UI-View will
automatically exit from "Meteor" Mode when you exit the
program. Roger wanted to assure that someone didn't
accidently stay in meteor mode, return to APRS service and
flood the channel. Every time you exit the program, you
must manually re-enter "Meteor" Mode.

Ev, W2EV

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48. [propnet] ??? Can't get PropNet mail to go through???

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 10 Jul 2000 15:32:02 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org
Message-ID: <LYR1548-95816-2000.07.11-07.13.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't know what the problem is, but for several days results have
been spotty when I try to send email to the PropNet list. I've sent the
following message TWICE and it's been totally ignored. Any help form
anybody on it?

Thanks,
Earl

_____

UI-View and Meteor Showers

I have given this some thought over the past day or two, and have
reached the following conclusions:

1. We should encourage the use of UI-View for meteor work. The
inclusion of the meteor mode is MORE than helpful -- it's almost a requirement.

2. Setup, I believe, should be as follows:

a. Beacon text should be your 4-character grid square,
surrounded by square brackets.

b. According to Bob Bruninga's METEOR.TXT, the unproto address
for APRS MUST be a standard address. We want to use a route of HOP1-1. In
my case, this would be APRS,HOP1-1. Note that UI-View does not use V or
VIA in its routing, just commas. In experimenting here, I find that the

following packet works fine coming from UI-View and plotting on WinAPRS 2.4.7:

KD5XB-3>APRS,WA5IHL-11*:[DM84]

(I bounced this through the local digi to ensure it would work.)

b. Beacon text should be your 4-digit grid square. [DM84] in my case.

c. Method employed should be BURST, with the following timings, from Bob Bruninga's METEOR.TXT:

>In order for this to work optimally, everyone must be synchronized to
>within a few seconds of WWV! APRS will let the Northeast transmit from 00
>to 15, then the Southeast to 30, then the Southwest to 45 and then the
>Northwest to 00. The dividing lines are 39 degrees latitude and 96
>degrees longitude. Most Meteor showers only peak for a few days, so,
>although this mode will generate a LOT of local QRM on 145.79, it wont
>last long!

The setup for this, in UI-View, is as follows:

Click "BURST".
In the "START" window, stations in the northeast will put 0.
Stations in the southeast will put 15 in the "START" window.
Stations in the southwest will put 30 in the "START" window.
Stations in the northwest will put 45 in the "START" window.

Duration can be anything up to 15 seconds, depending on how much you want to heat your finals. <G>

I think that about covers it, but Ev may have something to add. Please feel free to offer improvements, THROUGH THE LIST, so we can all benefit.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

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49. [propnet] AGWPE and TWO TNC'S?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 10 Jul 2000 18:46:47 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95818-2000.07.11-07.13.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, is there a method to run TWO TNC's with AGWPE and UI-View? I'd like to be able to run 2 meters and 6 meters for the showers coming up.

Thanks,
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

50. [propnet] Oh horrors -- TVI...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 11 Jul 2000 08:26:12 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95840-2000.07.11-10.16.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm always skittish about TVI. In fact, I don't think I've EVER had
an installation where I didn't have some form of TVI. Whether it was HF, 2
meters, or even 450, I've always had something.
      Running everything mobile, I was able to forget about it for some years.
      Now, using 6 meters, my DirectTV picture changes every time I
transmit a packet. The colors go WAY deeper, etc. I'm afraid my neighbors
will start to complain before long.
      So -- here's what I think I'll do. I'm going to unplug the transmit
connector (the "mic" plug) and leave the rig audio going to the TNC. That
way, maybe I'll capture something.
      And besides, is it not correct that the "best" times for MS are after
midnight? I can just connect everything back up after 10 PM.

      Sound good?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

51. [propnet] Re: UI-View Configuration Options

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 11 Jul 2000 08:01:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@greeceny.com
Message-ID: <LYR1548-95898-2000.07.11-14.17.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:21 AM 7/11/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>The APRS service has a "problem" in that the
>band-of-origination can't be easily determined. What do
>folks think about changing the TOfield to include band
>information? For instance, rather than launching a packet
>formatted like this: KD5XB-3>APRS,HOP1-1:[DM84] we
>configure to send one like this: KD5XB-3>CQ53,HOP1-1:[DM84]
>(assuming a 6-meter station, or CQ147 assuming a 2-meter
>station)? CQ ought to be a "wild card", allowing anything
>after it (according to some conversations that I've had with
>Bob, anyway). This would seem like a minor modification
>that would bring a more auditable future to us. What are
>our thoughts, collectively?

      Well -- I was using KD5XB-3 because I was running BOTH stations on 2
meters, to see which would plot and which would not. My plans are to be
KD5XB-2 on 2 meters, and KD5XB-6 on 6 meters, as was discussed some time
ago. I'm still open for suggestions, but I feel the SSID is a good way to
determine the band a packet originated on.

>The attempt to get a QSL-packet back was the #1 cause of
>failure during the last attempt. First, because I forgot to
>include the FULLDUP ON command to disable the CSMA function,
>but second because of all of the local digipeats that
>occured in high-population areas. These two features
>combined to absolutly clogg the frequency on the east and
>west coasts. There are a few ways to handle it this year:
>1. Eliminate the HOP attempt and go with strait meteor
>scatter
>2. Attempt the HOP attempt again, but assure everyone turns
>FULLDUP ON
>3. Attempt the HOP attempt again, FULLDUP ON and SUPLIST any
>local nodes

>4. <fill-in your suggestion here>
>Again, any discussion on this point?

      I'd be extremely excited to hear ANY traffic on 53.530 out here. The
HOP1-1 is a holdover from last year, and can be changed if we want.
      What about PASSALL? I remember I used that command last year, and
got a partial packet.

>I am also interested in the thought behind using a
>4-character grid square rather than a full 6-character grid
>square.

      Four characters are shorter than six in English, but what about
packets? Are those fields present anyway, just not used, like with the SSID's?

>Lastly, I'm in full agreement that a majority of us use the
>15-second BURST mode. It will be a lot easier on your T/R
>relays, and -- with a duty cycle of 15-seconds ON to
>45-seconds OFF, the finals ought to stay cool enough to run
>for several days (should one choose to do so).

      I've just run my Yaesu FT-690R2 overnight, using 10-second bursts
once a minute. I can't even tell it's been transmitting, it's so cool. <G>
      Might go ahead and change it to 15-second bursts.

      REMEMBER -- I transmit at 30 seconds past the minute.

>Earl, you've done a super job of exploring this new software
>title. Thanks for the hard work and effort. Please,
>though, other comments are welcome, too. The PropNET
>community is full of super resources!

      Thanks, Ev. I appreciate those words. But don't take what I said as
the final answer, there are still some questions out there that will
require some careful thought. What I posted took all of about an hour to
figure out. <G>

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

52. [propnet] Re: Short (or not) packets with UI-View

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 11 Jul 2000 08:08:13 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95899-2000.07.11-14.17.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:32 AM 7/11/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>What you actually need to do is two things:
>Setup|Meteor Mode and put [DM84] in the comment text there

      I did that...

>Options|Meteor Mode to take UI-View out of "APRS" mode and
>into "Meteor" Mode (a check should appear next to meteor
>mode under that menu after you do this).

      Did that, too.

      But the window at the bottom of the screen STILL shows my packets as:

KD5XB-6>APRS,HOP1-1 <UI C>:=3425.85N/10313.55W-[DM84]

      However, if I bring up the TERMINAL window, I see:

[DM84]
[DM84]
[DM84]
[DM84]
[DM84]
[DM84]
=3425.85N/10313.55W-[DM84]
[DM84]
<snip of MANY [DM84] packets>
=3425.85N/10313.55W-[DM84]
[DM84]
[DM84]

      etc...

      So I guess I had it right all along, but let the bottom of the screen
fool me! <G>

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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53. [propnet] Geomagnetic Storm Warning

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 11 Jul 2000 22:27:59 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-95988-2000.07.11-23.34.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From: "Space Weather News" <express@spacescience.com>
To: "Space Science News" <sciencenews@spacescience.sparklist.com>
Sent: Tuesday, July 11, 2000 7:19 PM
Subject: Geomagnetic Storm Warning

 > Space Weather News for July 12, 2000
 >
 > Coronagraphs on board the Solar and Heliospheric Observatory recorded a
 > fast-moving full halo coronal mass ejection on July 11th. Solar wind
 > disturbances from that explosion and others could arrive at our planet
 > within 48 to 72 hours. Forecasters estimate a 40% chance of major
 > geomagnetic activity on July 14, 2000.
 >
 > Also, the large sunspot group 9077 has developed a complex magnetic field
 > configuration that could harbor energy for major solar flares. NOAA
 > satellites recorded a powerful X1-class flare from the active region on
 > July 11th. More such flares are likely.
 >
 > For more information, including animations of today's CME, please visit
 > http://www.spaceweather.com

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54. [propnet] Re: Oh horrors -- TVI...

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 12 Jul 2000 06:46:09 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96084-2000.07.12-06.24.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,
Depending on just how close your neighbors are to you, they
may not be experiencing much of a problem at

all...especially if your own DSS system is only
"discoloring" during transmissions. However, better safe
than sorry. :o)

As for the "best time" for MS work, that is the time from
Midnight until Noon, with the truly most productive time
being 6:00 am +/- 2-hours. These are local times. That
puts you at the earth's leading edge in it's orbit, sweeping
up the most rocks possible.

However...know that this may not be the best time from the
perspective of the angles at which the rocks are entering
the atmosphere, relative to the direction that you are
attempting to communicate. That's why all of those MS
prediction programs exist. Frankly, even those are "best
guesses" to be used as guides and not rules.

Put these two paragraphs together with the PropNET concept,
and that is why I encourage MS participants to run 24/7
during the two days before and after a scheduled event. One
can never really predict with absolute certainty, the peak
of a meteor shower; PropNET can run 24/7 without issue
(excluding TVI <g>), so ... why not?

'hope that helps a bit.

Ev, W2EV

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55. [propnet] Re: AGWPE and TWO TNC'S?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 12 Jul 2000 07:06:52 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96085-2000.07.12-06.25.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Question, Earl. You probably missed my note about the
UI-View listserve. This question is best posed there. It'
on http://www.onelist.com , by surfing there, do a search on
UI-View and subscribe. It is a wealth of information on the
product...and the author actually responds to inquiries,
even if the answer is "get lost". :o)

Actually, Roger has been a wealth of information and
assistance. I'm truly impressed with his desire to help the
PropNET cause.

Ev, W2EV

Earl Needham wrote:
>
>   OK, is there a method to run TWO TNC's with AGWPE and UI-View? I'd
> like to be able to run 2 meters and 6 meters for the showers coming up.
>
>   Thanks,
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

56. [propnet] Re: UI-View Configuration Options

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 12 Jul 2000 07:03:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96086-2000.07.12-06.25.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The original thought of using SSID for band designation
ended up being a bit flawed, for exactly the reason that you
cited...you have two stations on 2-meters, so the "protocol"
falls apart.

The TO-field is always 6-characters long. If one launches
as "CQ", it is actually sent as "CQ   ". Additionally,
there is apparently code already in most versions of
software to establish "private subnets" based on TO-field
information. I don't really understand that concept
yet...but will when I get a chance to delve into it a bit
more.

Pulling that all together, embedding band into TO-field
seems like it was the most correct decision all along...we
just didn't realize it until recently. Either way...it
won't affect the MS experiments...it is more an issue for
24/7 PropNET stations.

> What about PASSALL? I remember I used that command last year, and
> got a partial packet.

Yes, PASSALL ought to be invoked, too. However, the issue
of multiple retransmissions of a packet in urban areas is a
real problem. The simplest solution would be a "return to
the basics" of not attempting a digipeated QSL. The idea
would be to keep things simple to draw more participants for
a couple of MS events, then re-introduce the QSL-attempting
single-digipeat.

I'm floating this idea because UI-View will allow for HOPn-N
digipeating, even if you are not using a Kantronics ROM'd
TNC! It is built-into the KISS program. I'm starting to
believe that we need to build a critical mass of
participants before we add another element...but I'd be
interested in comments on this from a variety of listserve
subscribers.

> Four characters are shorter than six in English, but what about
> packets? Are those fields present anyway, just not used, like with the SSID's?

Earl makes a good point. Especially when one considers that
most of us will be using UI-View with the USA Map (very
little map-detail gained by using 6-character grid
squares...and no map-zoom capability). Two points to
consider, though...distance determination will be much more
accurate, if we use all 6 characters -and- the timeslot
savings by using 2-fewer characters may be insignificant. I
will test the second tonight by setting up to transmit for
15 seconds, once per minute and count the number of beacons
sent in that period of 15 seconds.

Ev, W2EV

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57. [propnet] Fwd: AstroAlert: Major X-Class Solar Flare Alert - 11 July

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 12 Jul 2000 07:28:19 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96106-2000.07.12-08.41.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Major X-Class Solar Flare Alert - 11 July
>To: sun-earth@skypub.com

>Date: Tue, 11 Jul 2000 21:08:56 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   11 July 2000
>
>   * Major X-Class Solar Flare Alert *
>
>   A major class X1.0/2N solar flare ripped out of active sunspot Region
>9077 today at 13:08 UTC. This was a long-duration solar flare that caused
>ionospheric radio communications problems across the entire daylit hemisphere
>of the Earth. It was also associated with another large coronal mass ejection
>that contains an Earthward-directed component. The impact of this disturbance
>should follow on the heels of yesterdays major M-class solar flare from the
>same region - currently anticipated to arrive sometime on 13 July.
>
>   Details, including imagery of the event, are available at:
>http://www.spacew.com/astroalert.html
>
>   Region 9077 is located in the northeast quadrant of the Sun and is
>gradually rotating toward the central solar meridian where coronal mass
>ejections will be most prominently poised to impact the Earth head-on. The
>sunspot group is exceptionally complex and stands a good chance for producing
>additional X-class solar flares and associated coronal mass ejections over
>the next several days.
>
>   Solar observers are encouraged to keep an eye out for possible
>white-light flare activity from this region.
>
>
>** End of Update **

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

58. [propnet] Fwd: AstroAlert: Middle Latitude Auroral Activity WARNING

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 12 Jul 2000 07:29:15 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96299-2000.07.13-03.27.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Middle Latitude Auroral Activity WARNING
>To: sun-earth@skypub.com
>Date: Wed, 12 Jul 2000 00:24:55 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   12 July 2000
>
>   * Middle Latitude Auroral Activity WARNING *
>   Valid for UTC days of 13-14 July
>
>   Two large coronal mass ejections (CMEs) have been observed leaving the
>Sun on 10 and 11 July. Each CME had an Earthward-directed component, which
>means that they will most likely impact the Earth. Models suggest the CMEs
>will probably impact the Earth sometime during the UTC day of 13 July.
>
>   There is a fairly good chance that the impact of these disturbances will
>drive periods of potentially strong auroral storm activity over the high and
>upper-middle latitude regions on 13 and 14 July. Observations of auroral
>activity may be possible over fairly widespread middle latitude regions on
>these dates, despite the waxing phase of the moon.
>

>   The disturbances may impact the Earth as early as 03:00 UTC on 13 July
>(11 pm EDT on 12 July), or as late as the early UTC day of 14 July (early
>evening of 13 July, EDT).
>
>   The active sunspot region that is spawning the coronal mass ejections is
>expected to produce additional potentially significant events over the next
>several days. In two days, the active sunspot region will rotate to a
>position on the Sun that is near the central solar meridian. This will place
>the potent sunspot group in an excellent position to produce nearly head-on
>CME impacts with the Earth, should any occur.
>
>   Observers interested in watching for activity are encouraged to pay
>close attention to current conditions. We recommend observers obtain a copy
>of the free STD Aurora Monitor trial software, which will provide (among
>other things):
>
>   * Near-realtime warnings of impending auroral activity.
>   * The very latest auroral activity imagery from spacecraft and
>   ground-based sites worldwide.
>   * The ability to animate all imagery retrieved (to discern motion and
>   changes in brightness and location of the auroral zones).
>   * The ability to easily submit sighting reports to the Auroral Activity
>   Observation Network: a global network of professional and amateur
>   aurora observers.
>   * A discussion forum you can use to discuss aurora related topics.
>   * The very latest forecast notes and predictions (updated frequently
>   during auroral storms) to keep you abreast of the most recent changes
>   in conditions.
>   * Audible and visual notification of high, middle and low latitude
>   auroral activity watches and warnings based on four independent models
>   of auroral activity.
>
>   The software can be obtained at: http://www.spacew.com/aurora. Sky &
>Telescope has also graciously agreed to serve as a second mirror source for
>the software. Visit http://www.spacew.com/aurora for download details.
>
>   IF YOU OBSERVE AURORAL ACTIVITY DURING THESE ANTICIPATED EVENTS, PLEASE
>REPORT THEM TO THE AURORAL ACTIVITY OBSERVATION NETWORK through the use of
>the aforementioned software, or by filling in the web form page at:
>http://www.spacew.com/www/subaurora.html
>
>   All observations are permanently archived and may be used in future
>scientific studies. All observations (whether submitted via the software or
>via the web form page) are made available for all others on the Internet to
>see within 2 minutes at: http://www.spacew.com/www/auroras.html. If you are
>using the STD Aurora Monitor software, all reported sightings will
>automatically appear on your screen.
>
>   We would appreciate the collaboration of as many people as can
>participate to help observe the activity associated with this anticipated
>auroral storm. The next week promises to be an active week for auroral
>activity.
>
>
>** End of AstroAlert **

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

59. [propnet] Fw: [htaprs] Misbehaving TH-D7A(G)

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Thu, 13 Jul 2000 10:35:04 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96341-2000.07.13-09.39.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From another group...FYI

----- Original Message -----
From: "John Gorkos" <jgorkos@CellNet.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, July 13, 2000 10:18 AM
Subject: [htaprs] Misbehaving TH-D7A(G)

> Living in the central US has it's advantages: two great SUNSAT passes
> last night. I was going to post a list of the stations that I heard,

> buy my TH-D7A(G) was acting quite odd: Every new stations I heard
> completely filled the LIST. For example, I heard W8UC-8, and when I
> looked in the list, ALL 40 stations were W8UC-8. Then, when a new
> station was heard, (N4???), ALL 40 entries in the list would suddenly
> shift to N4???. I thought this might be limited to just split ops, but
> when I started off the morning commute this AM, the same thing was
> happening on "normal" APRS.
>   Solution was to do a DELETE ALL on the list, and then things fell back
> into place. I'm a little dissapointed that I don't have a record of the
> 15 or so stations I heard on the two SUNSAT passes last night, but I'm
> glad the radio recovered. For our Kenwood Service Rep lurker, this
> might warrant some checking with the firmware guys... Thanks.
>
> BTW, GREAT tropo ducting this morning across the midwest. I'm hearing
> stations as far away as 700 miles through just one digi (which is 200
> miles south).
>
> John Gorkos
> KB5HHR
>
> ---
> You are currently subscribed to htaprs as: tellis6@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-15273F@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

60. [propnet] AstroAlert: Auroral Activity Update - Coronal Mass Ejection Arrived!

From: Cary Oler <oler@solar.spacew.com> (by way of Earl Needham <KD5XB@AMSAT.ORG>)
Date: Thu, 13 Jul 2000 19:05:19 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96434-2000.07.13-20.26.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A s t r o A l e r t
Sun-Earth Alert

Solar Terrestrial Dispatch
http://www.spacew.com

13 July 2000

* Update *

A large coronal mass ejection was observed impacting the Earth near 09:43 UTC on 13 July (5:43 am EDT, 13 July). The disturbance produced an interval of strong auroral activity across regions of the northern Pacific ocean, Alaska and northern Russia. Unfortunately, twilight conditions at Alaska prevented any observations of the activity. Had this disturbance arrived 6 hours earlier, North America would have been witness to an impressive auroral display.

The bulk of this disturbance appears to have passed the Earth now. There is a chance activity may reintensify over the next 24 hours. At the very least, we expect to see sporadic bursts of auroral activity that may become visible over localized high and upper-middle latitude regions of Europe and North America, despite the near-full phase of the moon.

The delivery of AstroAlets to interested recipients is too slow for many people to get timely notification of changes in conditions. As a result, interested people are encouraged to keep an eye on near-realtime spacecraft imagery and ground-based sighting reports available at:
http://www.spacew.com/www/aurora.html and
http://www.spacew.com/www/auroras.html

Individuals with Windows-based machines can download the STD Aurora Monitor software, which does all the work of monitoring activity for you at: http://www.spacew.com/aurora. We apologize to Mac users for not having a version of this software available for that platform. We hope to have a Macintosh version available soon.

** End of AstroAlert **

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

61. [propnet] Fwd: AstroAlert: Major X-Class Proton Flare, Major Disturbance Expected

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 14 Jul 2000 18:22:26 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96629-2000.07.14-19.29.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Major X-Class Proton Flare, Major Disturbance Expected
>To: sun-earth@skypub.com
>Date: Fri, 14 Jul 2000 15:12:46 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   14 July 2000
>
>   * Major Significant X5 Proton Flare Alert *
>   * Category S3 Solar Radiation Storm Alert *
>   * Middle Latitude Auroral Activity Warning *
>   * Low Latitude Auroral Activity Watch *
>
>   At 10:24 UTC on 14 July, the largest solar flare to be directly observed
>so far this solar cycle was spawned by active sunspot Region 9077, which has
>now exploded with a total of three major X-class flares. Todays flare was
>the largest of all and the most serious, reaching an X5 category in x-rays
>and accelerating very high energy protons toward the Earth.
>
>   Within minutes of the flare, very high energy (estimated much higher
>than 100 MeV) protons impacted the Earth's magnetosphere and ionosphere at
>near relativistic velocities (almost the speed of light). This is the most
>significant energetic solar radiation storm since solar cycle 22. Energetic
>proton densities at energies greater than 100 MeV have increased by a factor
>of more than 3 magnitudes (1000 times higher than normal). Protons with
>energies greater than 10 MeV, which are generally considered the lowest
>energy protons capable of producing satellite anomalies, increased in density
>by a factor almost 5 magnitudes (not quite 100,000 times) greater than normal
>background levels.
>
>   This solar radiation storm is currently categorized as an S3 event and
>is approaching a category S4 event (S1 being weak and S5 being extreme).
>People on Earth are safe from the effects of these adverse space environment
>conditions. Satellites and people in orbit are at highest risk. Here are some
>of the possible effects of an S3/S4 radiation storm:
>
>   * Unavoidable biological radiation hazard to astronauts performing EVA
>   (spacewalk) activities.
>
>   * Elevated levels of radiation exposure to passengers and crew in
>   commercial jets travelling across the high and polar latitude regions
>   (lower latitude aircraft are not at risk). The increased radiation
>   exposure would be equivalent to receiving approximately 5 to 10 chest
>   x-rays.
>
>   * Satellites can experience memory upset problems, noise on imaging
>   systems, star-tracker orientation problems, and solar panel
>   degradation.
>
>   * Ionospheric radio signal propagation has been completely blacked out
>   for all communications paths that traverse through the high latitude
>   and polar latitude ionospheres. No high frequency (2 to 30 MHz) radio
>   communications through the high and polar ionospheres are expected
>   until later on 16 or 17 July.
>
>   There have already been numerous confirmed anomalies on spacecraft. The
>SOHO spacecraft is experiencing significant noise on its imaging systems,
>which is rendering scientists abilities to monitor solar activity more
>difficult. The ACE spacecraft has suffered suspected contamination in its
>ability to accurately measure the speed and density of the solar wind. And
>the POLAR spacecraft (which images auroral activity and other important space

>environment properties) is unable to produce images of auroral activity due
>to suspected contamination of its imaging systems (these are just a few
>examples).
>
>   Again, we must emphasize that people on Earth are at no risk to these
>events. The Earth's magnetosphere, ionosphere and atmosphere protect life on
>Earth from radiation exposure. Even people flying in aircraft really have
>nothing to worry about. This is primarily a space-based radiation problem
>that is of more concern to astronauts and satellite operators than anyone
>else.
>
>   Today's major X5 solar flare was associated with a full halo coronal
>mass ejection that is expected to make a near head-on collision with the
>Earth. The velocity of the disturbance is not known precisely because of the
>level of proton-induced image degradation in the SOHO cameras. Radio
>observations of the flare revealed a strong inner-coronal shock wave that had
>an estimated velocity of 1,300 kilometers per second. However, SOHO team
>members determined a possible disturbance velocity (in the outer corona) as
>high as perhaps 1,775 kilometers per second.
>
>   Predictions on the time of arrival of this disturbance will vary
>depending on the type of data that is used. However, it appears that the
>disturbance may arrive between approximately 19:00 UTC on 15 July (3 pm EDT
>on 15 July) and 16:00 UTC on 16 July (noon EDT on 16 July). The arrival of
>this disturbance is virtually certain to occur.
>
>   This disturbance is expected to have a potentially high impact on
>space-based systems when it arrives. Spacecraft operating in geosynchronous
>orbits near the noon-sector of their orbits (when they lie between the Sun
>and the Earth, as viewed from the Earth) are expected to cross through the
>protective shield of the Earth's magnetosphere into the magnetosheath region
>when the higher pressure from the solar wind behind the disturbance
>compresses the Earth's magnetosphere on the dayward side to altitudes inside
>the orbit where geosynchronous spacecraft operate. This can produce
>pointing-related anomalies on geosynchronous spacecraft and can increase
>overall wear and tear on solar panels and other exposed equipment. There will
>also be a chance for numerous spacecraft charging related anomalies that may
>occur on orbiting spacecraft in general if the disturbance triggers a
>significant geomagnetic storm. The Earth's atmosphere may also begin to bloom
>outward and increase atmospheric drag on lower orbiting spacecraft -
>particularly those with perigees below 500 kilometers.
>
>   A major to severe geomagnetic storm may be associated with the arrival
>of the disturbance on 15/16 July. Hydro and electric power utilities may
>observe induced electrical currents on their transmission lines caused by
>electrical currents induced by rapid variations in the Earth's magnetic
>field. These currents can produce damage to electrical transformers and other
>equipment used by power companies to deliver electricity to end users. This
>does NOT mean your computer will explode. Power companies protect end users
>from the effects of induced electrical currents caused by geomagnetic storms.
>A worst case scenario would be the temporary loss of power caused by perhaps
>the failure of a power transformer or some other sensitive equipment. And the
>chance of this happening is very low for any specific region.
>
>   A middle latitude auroral activity warning has been issued together with
>a low latitude auroral activity watch for all middle and low latitude regions
>of the Earth. This disturbance has the potential to produce intense displays
>of auroral activity over these regions. Observers interested in watching for
>these events on their home computers are encouraged to obtain a copy of the
>free STD Aurora Monitor software package, which will provide near-realtime
>updated information and imagery that you can use to monitor conditions as
>they happen. The software is available at: http://www.spacew.com/aurora. It
>is a relatively small download of only 2.5 megabytes but is an immensely
>useful package for monitoring auroral activity. Sky & Telescope has
>graciously agreed to serve as an additional mirror for this software. We
>apologize for not having versions available for Macintosh or Linux systems.
>Other users may visit: http://www.spacew.com/www/aurora.html.
>
>   WE WOULD APPRECIATE IT IF PEOPLE WOULD SUBMIT SIGHTINGS OF AURORAL
>ACTIVITY TO THE AURORAL ACTIVITY OBSERVATIONS NETWORK AT:
>   http://www.spacew.com/www/subaurora.html
>
>   Or use the aforementioned software to submit your sightings to the
>Network.
>
>   There is a chance active sunspot Region 9077 might spawn additional
>energetic activity over the next several days. However, some decay has been
>observed in the region which may reduce its ability to produce energetic
>activity.

>
>
>** End of AstroAlert **

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62. [propnet] [skyline] S&T's News Bulletin for July 14, 2000

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 15 Jul 2000 07:56:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96691-2000.07.15-09.01.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>==
>SKY & TELESCOPE'S NEWS BULLETIN - JULY 14, 2000
>==
>For images and Web links for these items, visit http://www.skypub.com
>==

      <snip>
>SUN EJECTS GIANT FLARE, AURORA TO FOLLOW?
>
>A powerful solar flare erupted the Friday morning, lasting 40 minutes
>and peaking at 6:24 a.m. EDT (10:24 Universal Time). It's an X6 flare,
>"X" being the highest-energy category and "6" being well up the scale.
>(Solar flares are ranked according to their X-ray output; the X-rays
>are a tracer for violent magnetic explosions occurring just above the
>Sun's photosphere. For comparison, the flare that triggered all the
>commotion these last couple of days was pegged at X1.) Moreover, the
>source region for this flare is now aimed more squarely at Earth than
>it was a couple days ago. The official designation is Active Region
>9077 -- the big sunspot group now near the center of the solar disk.
>
>It will take 2 to 3 days for the pulse of energized solar wind from
>this flare to reach and engulf Earth, so Saturday and Sunday nights
>will be when to look for an aurora. Typically auroras don't migrate
>much below the Canadian border, but during big geomagnetic storms the
>auroral oval surrounding each pole enlarges and pushes equatorward.
>For example, during the last really huge geomagnetic storm, in March
>1989, auroras were seen in Central America. The one last April made it
>down to the Carolinas.
>
>Too bad there's a full Moon this weekend, though a strong auroral
>display should be obvious regardless. Maybe some lucky folks around
>the Pacific Rim will see the aurora during Sunday's total lunar
>eclipse.

<snip>

      7 3
      Earl

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63. [propnet] An Extreme Geomagnetic Storm is Underway

From: Mel Roberts <w3mr@erols.com>
Date: Sat, 15 Jul 2000 16:42:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96770-2000.07.15-15.48.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Space Weather News for July 15, 2000

A powerful shock wave from the fast-moving July 14th coronal mass ejection
has arrived in the neighborhood of Earth. An extreme geomagnetic storm
was underway at 1900 UT (3:00 p.m. EDT) on July 15th. If conditions
persist as they are now, aurora could be visible at middle (and possibly
even equatorial) latitudes. The best time to view aurora is usually near
local midnight. In this case, sky watchers are advised to look for aurora
as soon as night falls. For more information and updates please visit
http://www.spaceweather.com

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64. [propnet] Re: An Extreme Geomagnetic Storm is Underway

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 16 Jul 2000 09:02:33 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96832-2000.07.16-08.04.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mel Roberts wrote:
> Space Weather News for July 15, 2000
> A powerful shock wave from the fast-moving July 14th coronal mass ejection
> has arrived in the neighborhood of Earth. An extreme geomagnetic storm
> was underway at 1900 UT (3:00 p.m. EDT) on July 15th. If conditions
> persist as they are now, aurora could be visible at middle (and possibly
> even equatorial) latitudes. The best time to view aurora is usually near
> local midnight. In this case, sky watchers are advised to look for aurora
> as soon as night falls. For more information and updates please visit
> http://www.spaceweather.com

Wow...what an event! Interestingly, not much activity on
the bands above 2-meters (just a few contacts on 222- and
432-MHz noted), but very strong 6- and 2-meter SSB/CW
signals.

Did *anyone* note any enhanced APRS posits yesterday around
2000Z +/-? Conventional wisdom dictates that FM packet
would be too garbled to decode off of the aurora...but then
again...there are still folks who think FM packet can't be
used for long distance communications. ;-)

I was active on SSB (500-watts at 144.2 tends to wipe out
APRS on 144.39 <g>) so I have nothing to report myself.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

65. [propnet] Fwd: AstroAlert: Summary of Severe Geomagnetic, Auroral & Radiation Storm

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 16 Jul 2000 07:34:11 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96847-2000.07.16-08.43.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Summary of Severe Geomagnetic, Auroral & Radiation Storm
>To: sun-earth@skypub.com
>Date: Sun, 16 Jul 2000 02:53:20 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   16 July 2000
>
>   ** Severe Geomagnetic, Auroral and Solar Radiation Storm Summary **
>
>   We are in the declining phase of the most intense geomagnetic, auroral
>and solar radiation storm of solar cycle 23. By about 15:00 to 18:00 UTC on
>16 July, the storm should have pretty well ended.
>
>   A list of currently reported auroral activity sightings have been
>appended below, as extracted from the Auroral Activity Observation Netowrk
>internet site at: http://www.spacew.com/www/auroras.html. We express our
>thanks to all those who contributed to the observational database. If you
>observed activity on 15 or 16 July, please submit your reports to:
>http://www.spacew.com/www/subaurora.html or use the STD Aurora Monitor
>Software available at: http://www.spacew.com/aurora. Late reports are just

>as valuable as recent reports.
>
>   Overall, this was a very large auroral storm. Not as large as the March
>1989 event, but respectable nonetheless. The most favored locations were
>(once again) northeastern and central Russia. Had the storming occurred
>during the dark hours of North America, observations well into New Mexico and
>Texas would have been probable. However, the unfavorable time of arrival of
>this event prevented most heavily populated centers in Europe, North America,
>Australia and New Zealand from spotting the most significant activity.
>
>   Satellites in geosynchronous orbit and near the noon sectors of their
>respective orbits experienced many brief magnetopause crossings into the
>magnetosheath region of the Earth's magnetosphere after 15:00 UTC. Crossings
>were still being observed near the end of the UTC day of 15 July. Solar wind
>velocities are estimated to have well exceeded 1,000 kilometers per second.
>
>   The strongest interplanetary magnetic fields to be observed in a solar
>disturbance since solar cycle 22 were observed today. Values near 60
>nanoteslas were observed (extremely rare), which is about 10 times the normal
>background value. These intense magnetic fields contributed to the strong
>geomagnetic and auroral storming.
>
>   The passage of the disturbance also relaxed the radiation hazard in
>space. Energetic proton densities dropped considerably after the disturbance
>began passing through the Earth system. By the end of the UTC day, protons at
>energies greater than 10 MeV had dropped from a peak density of 24,000
>particle flux units at 12:30 UTC to 600 pfu. And protons at greater than 100
>MeV dropped from a peak density of 144 pfu at 09:40 UTC (the peak on 14 July
>was 408 pfu at 16:20 UTC on 14 July) to less than 1 pfu, which marks the end
>of the proton radiation hazard for protons at greater than 100 MeV. Normal
>values for these protons are density values near or below 0.1 pfu.
>
>   Overall, this solar radiation storm was rated a category S4 event (on a
>scale between 1 and 5). There are statistically only 3 events in an entire 11
>year solar cycle that reach this level of severity. It was comparable to the
>significant solar radiation storm of March 1989 (during solar cycle 22; we
>are currently in solar cycle 23).
>
>   Satellites began recovering from the deluge of energetic protons today
>as well. The SOHO spacecraft began producing useful coronagraph imagery once
>again. The POLAR spacecraft was able to begin reliably imaging auroral
>activity again and together with the IMAGE spacecraft were able to produce a
>beautiful set of movies of the initial and declining phases of todays severe
>auroral storm. And the ACE spacecraft, which performs the critical task of
>measuring solar wind quantities for use in space weather forecast operations
>and fundamental space weather research, was able to begin providing reliable
>and uncontaminated solar wind velocity, density and temperature measurements
>near the end of the UTC day.
>
>   Todays geomagnetic storm was classified as a G5 event (the most intense
>type of storm ranked). Statistically, only about 4 days in an entire 11 year
>solar cycle reach the G5 category, so this was a rare event.
>
>   There is a chance the active solar sunspot region that spawned todays
>severe geomagnetic, auroral and solar radiation storm may produce another
>significant solar flare event over the next 72 hours. However, it has now
>rotated into the western solar hemisphere. Each passing day will reduce the
>probability of any occurring coronal mass ejections impacting the Earth as
>hard as this one did. The threat for another significant solar radiation
>storm event will remain high for about the next 5 days, or for as long as the
>active sunspot group remains forbidably complex.
>
>
>** End of AstroAlert **

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66. [propnet] Re: An Extreme Geomagnetic Storm is Underway

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 16 Jul 2000 07:50:08 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96911-2000.07.16-14.40.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:02 AM 7/16/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:

><snip>
>Did *anyone* note any enhanced APRS posits yesterday around
>2000Z +/-? Conventional wisdom dictates that FM packet
>would be too garbled to decode off of the aurora...but then
>again...there are still folks who think FM packet can't be
>used for long distance communications. ;-)

      I didn't get ANYTHING here, but there does seem to be some anomaly
with N5VX-9. I'm not sure if this is a MIC-E position error or if they
really are getting almost 1300 miles on 5 hops. If it were only one
packet, it would be believable, but look at the following:

N5VX-9>SV3QVW,WA5IHL-11*,WIDE5-2:'o:(!{3>/]"G0}
N5VX-9>SV3PTR,WA5IHL-11*,WIDE5-2:'o6d!z~>/]"G!}Lil N Dale on vacation!
N5VX-9>SV2YRX,WA5IHL-11*,WIDE5-2:'o/E!z|>/]"Em}
N5VX-9>SV2VYU,WA5IHL-11*,WIDE5-2:'o&}m{R>/]"Dz}Lil N Dale on vacation!
N5VX-9>SV2VWS,WA5IHL-11*,WIDE5:'o&ll [>/]"Du}
N5VX-9>SV2TXX,WA5IHL-11*,WIDE5-2:'o_r!{#>/]"D>}
N5VX-9>SV1YST,WA5IHL-11*,WIDE5-2:'nTS!?6>/]"C+}
N5VX-9>SV1WWQ,WA5IHL-11*,WIDE5-2:'nQl!S6>/]"B`}
N5VX-9>SV1VPR,WA5IHL-11*,WIDE5-1:'nN{!S6>/]"BM}
N5VX-9>SU2ZZZ,WA5IHL-11*,WIDE5-1:'mN8"+[>/]">g}
N5VX-9>SU2ZZZ,WA5IHL-11*,WIDE5-1:'mMw!{k>/]"?4}
N5VX-9>SU1ZZZ,WA5IHL-11*,WIDE5-1:'mMpozu>/]"@3}
N5VX-9>SU1ZZZ,WA5IHL-11*,WIDE5-1:'mI]l^]>/]"@1}
N5VX-9>SU1ZZZ,WA5IHL-11*,WIDE5-1:'mIYlI>/]"@'}
N5VX-9>SU1ZZZ,WA5IHL-11*,WIDE5-1:'mISl!d>/]"@%}Lil N Dale on vacation!
N5VX-9>SU1ZZZ,WA5IHL-11*,WIDE5-1:'mC~"*□>/]"?j}
N5VX-9>SU1ZZZ,WA5IHL-11*,WIDE5-1:'m@8"*□>/]"?^}Lil N Dale on vacation!
N5VX-9>SU1ZZZ,WA5IHL-11*,WIDE5-1:'m<U"+%>/]"?]}
N5VX-9>SU0ZZZ,WA5IHL-11*,WIDE5:'m,M"++>/]"?-}
N5VX-9>SU0ZZZ,WA5IHL-11*,WIDE5-1:'m)W"+A>/]">Z}
N5VX-9>ST5ZZZ,WA5IHL-11*,WIDE5:'lWd"+4>/]"=L}
N5VX-9>ST5ZZZ,WA5IHL-11*,WIDE5:'lT<"+,>/]"=-}
N5VX-9>ST5ZZZ,WA5IHL-11*,WIDE5:'lLE"*~>/]"<_}Lil N Dale on vacation!
N5VX-9>ST5ZZZ,WA5IHL-11*,WIDE5:'lF "+'>/]"<_}
N5VX-9>ST4ZZZ,WA5IHL-11*,WIDE5:'l@$"+9>/]"<*}
N5VX-9>ST4ZZZ,WA5IHL-11*,WIDE5:'l>^"+V>/]";>}Lil N Dale on vacation!

      I first picked them up in extreme southern Colorado, and followed
them to near Dalhart. Next time they showed up, and not very long later,
either, they plotted just west of charlotte, North Carolina, still on an
all-VHF path.

      I received all these packets between 2053 MDT (0253Z) and 0116 MDT
(0716Z) last night. They must have been moving awfully fast!

      Definitely something strange going on here...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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67. [propnet] CQ53 and CQ147 are supported

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 16 Jul 2000 22:39:14 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-96953-2000.07.16-21.41.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A while ago, I sent a message to the APRS software authors,
asking how their product handles CQ### in the To-field
(where ### is a frequency-of-origination designator). I
heard from Roger Barker (UI-View) and Bob Bruninga
(APRSdos), whose responses are noted below.

It looks like the idea is sound. I suggest that we adopt

the convention.

Look for detailed instructions on using UI-View for meteor
work to appear within the next two days or so! Get your
copy at http://welcome.to/ui-view.

Ev, W2EV

When asked how the various flavors of software would treat
the following packet: W2EV>CQ53:[FN03XD] -or-
W2EV>CQ147:[FN03XD]
the responses were:
==========
UI-View will always decode that, because it doesn't filter
by
destination address. Other APRS applications do, but I think
they all
have an option to disable the filtering.
--
Roger Barker, G4IDE - roger@peaksys.co.uk
==========
APRSdos will receive this packet since it begins with CQxxxx
and the APRS
filters are supposed to wildcard all after the specified
TOCALL standard
list. And "CQ" is in that list.

GOod idea. Keep up the good work.
bob
==========

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68. [propnet] UI-View Meteor Mode Instructions

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 17 Jul 2000 18:56:12 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97104-2000.07.17-18.01.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Everyone!
It's time to unveil the latest website to bring us together:
http://go.to/BEACONet
It is the new name for PropNET (it seems that PropNET is copywrited and
I don't have the energy nor personal resources to challange its use).

Hit the website, go to the CONFIGURATION hyperlink, and at the bottom,
the hyperlink for setting up UI-VIEW. This is a text file that is
v-e-r-y detailed. I'll work on a simplified version later...but decided
to err on the side of having too much information in this first attempt.

This is big-time under construction. Please point out any glaring
errors privatly, would you? Once we've passed the scrutiny of fellow
PropNET/BEACONeters, I'll spread the word on other listserves.

Regards,
Ev, W2EV

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69. [propnet] Long ways...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 19 Jul 2000 08:06:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97369-2000.07.19-09.13.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here's one from overnight on 2 meters:

WD9HNZ>APW244,WA5IHL-11*,WIDE4:=4533.51N/12251.68W&PHG7093/WinAPRS 2.4.4
-ORWASPORTLAND-244-<530>

      1305 miles, appears to be all on two meters.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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70. [propnet] ARRL and TAPR 19th Annual Digital Communications Conference

From: "Steven R. Bible" <n7hpr@tapr.org>
Date: Wed, 19 Jul 2000 10:48:46 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97383-2000.07.19-09.54.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ARRL and TAPR 19th Annual
Digital Communications Conference
September 22-24, 2000 - Orlando, Florida

For more information see: http://www.tapr.org/dcc

Information
Mark your calendar and start making plans to attend the year's premier
event in digital communications. The 19th Annual ARRL and TAPR
Digital Communications Conference will be held September 22-24, 2000,
in Orlando, Florida - just minutes from the Orlando International
Airport.

The ARRL and TAPR Digital Communications Conference is an
international forum for radio amateurs in digital communications,
networking, and related technologies to meet, publish their work, and
present new ideas and techniques for discussion. Presenters and
attendees will have the opportunity to exchange ideas and learn about
recent hardware and software advances, theories, experimental results,
and practical applications. The Digital Communications Conference is
not just for the digital expert, but also for digitally oriented
amateurs of all levels of experience.

A Conference for the Beginner as well
The conference is not just for the digital expert. As in years past
an entire session strand with beginning, intermediate, and advanced
presentations on selected topics in digital communications will be
offered. Some of the topics will include: APRS, Satellite
Communications, TCP/IP, Digital Radio, Spread Spectrum and other
introductory topics. Come to the conference and hear these topics
presented by the experts!

Area Attractions
The Orlando Florida area is famous for its attractions and vacation
spots. Disney World, Universal Studios, and Sea World (just to name a
few) are within 15 minutes of the hotel. Shuttle service from the
hotel will be available for a small fee. Cape Canaveral and Cocoa
Beach are a 30 minute drive East of the hotel.

Symposia, Seminars and Banquet
Two symposia/seminars will be held which allow those with additional
time and interest to make the most of the Conference. For those who
may have interest in just one symposium or seminar, registration for
the conference is not required to attend these activities. This allows
maximum flexibility for those who may want to participate during the
Digital Communications Conference, but do not have an entire weekend
to devote to the event.

The Fourth APRS National Symposium will be held on Friday and will be
moderated by Steve Dimse, K4HG (the developer of javAPRS). It will
likely include many APRS software authors, such as Bob Bruninga,
WB4APR (the father ofAPRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI
(the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the
developer of APRSPLUS), Mike Musick, N0QBF (developer of PocketAPRS),
and other nationally known APRS leaders. Join this group for the

afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

On Saturday night the DCC Banquet will be held. A guest speaker will speak after the banquet and a prize drawing will top the evening. The Grand Prize is a Palm VII Personal Digital Assistant.

The Sunday morning seminar will be focused on PIC development, design, and programming. This five-and-a-half hour seminar will focus on the things you need to know now in order to understand and begin to participate in PIC development.

Co-Hosts
The 2000 ARRL and TAPR Digital Communications Conference local co-hosts will be Lake Monroe Amateur Radio Society (http://www.qsl.net/lmars/),Orange County ARES/RACES(http://evcom.net/~jvoisin/ares.htm), Seminole County ARES/RACES (http://wwww.geocities.com/capecanaveral/launchpad/4773), and Orlando Amateur Radio Club(http://www.oarc.org/).

International Co-Hosts PRUG (Packet Radio User Group of Japan) will be the International co-host for a third year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit http://www.prug.or.jp for more information about PRUG.

Call for Papers
Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the Conference is not required for publication. Papers are due by August 7th, 2000, and should be submitted to

Maty Weinberg, ARRL
225 Main Street
Newington, CT 06111

or via the Internet to

   lweinberg@arrl.org

Information on paper submission guidelines are available on-line at

   http://www.tapr.org/dcc

Hotel
Conference presentations, meetings, and seminars will be held at the Orlando Airport Marriott. It is highly recommended that you book your room prior to arriving. A special DCC room rate of $89/single and $89/double per night has been blocked for 50 rooms and is available until September 1st, 2000. Once the 50 rooms have been reserved, room rates will increase. So be sure to book your rooms early! The hotel provides transportation to and from the Orlando International Airport. Please contact the hotel to arrange specific transportation needs.

Orlando Airport Marriott (conference hotel)
7499 Augusta Drive
Orlando, FL 32822
Phone 407-851-9000, Fax 407-857-6211
(http://marriotthotels.com/MCOAP/)

What you can expect at DCC 2000
- A full day of papers and breakouts for the beginner to the advanced
- Two seminars/symposiums
- The fifth annual Student Paper session.
- A banquet with Special Guest Speaker.
- Informal get-togethers throughout the weekend.
- TAPR Membership Meeting
- An event at which the most important new developments in amateur digital communications are announced.
- Digital 'movers and shakers' from all over the world in attendance.

There are few activities where your participation can be so much fun and important! What a great way to share and renew your enthusiasm for digital amateur radio! A get-together with colleagues and bringing each other up to date on your latest work -- all this, and more, for an unforgettable weekend of amateur radio and digital communications.

We hope to see you at the ARRL and TAPR Digital Communications
Conference on September 22-24, 2000!

Full information on the conference and hotel information can be
obtained by contacting:

Tucson Amateur Packet Radio
Phone: (940) 383-0000.
Fax: (940) 566-2544
Email: tapr@tapr.org
Web: http://www.tapr.org

Registration Form
Contact the TAPR office by Phone 940-383-0000, Fax 940-566-2544, or
Internet: http://www.tapr.org and tapr@tapr.org to register or for
additional information.

Conference Registration includes: Conference Proceedings, Sessions,
Meetings, and Lunch on Saturday.

See http://www.tapr.org/dcc for an on-line registration form or
text form for mailing or faxing.

A registration packet will be mailed in September upon receipt of
registration form and payment.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

71. [propnet] Re: ARRL and TAPR 19th Annual Digital Communications Conference

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 19 Jul 2000 19:47:59 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97467-2000.07.19-18.49.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve,
Thanks for posting to the propnet listserve. I'd signed off
the other APRS-based remailers for a while and would have
missed this otherwise! (time to sign-on again) Now...to
figure out if it's worth the effort to get the wife and two
7-month olds to Florida for a vacation or not. :o)

Folks...if you have a chance to attend, please do. This is
a very cool environment to be in (the DCC, not the Florida
heat in September <g>).

Ev, W2EV

"Steven R. Bible" wrote:
>
> ARRL and TAPR 19th Annual
> Digital Communications Conference
> September 22-24, 2000 - Orlando, Florida
>
> For more information see: http://www.tapr.org/dcc
>
> Information
> Mark your calendar and start making plans to attend the year's premier
> event in digital communications. The 19th Annual ARRL and TAPR
> Digital Communications Conference will be held September 22-24, 2000,
> in Orlando, Florida - just minutes from the Orlando International
> Airport.
>
> The ARRL and TAPR Digital Communications Conference is an
> international forum for radio amateurs in digital communications,
> networking, and related technologies to meet, publish their work, and
> present new ideas and techniques for discussion. Presenters and
> attendees will have the opportunity to exchange ideas and learn about
> recent hardware and software advances, theories, experimental results,
> and practical applications. The Digital Communications Conference is
> not just for the digital expert, but also for digitally oriented
> amateurs of all levels of experience.
>
> A Conference for the Beginner as well

> The conference is not just for the digital expert. As in years past
> an entire session strand with beginning, intermediate, and advanced
> presentations on selected topics in digital communications will be
> offered. Some of the topics will include: APRS, Satellite
> Communications, TCP/IP, Digital Radio, Spread Spectrum and other
> introductory topics. Come to the conference and hear these topics
> presented by the experts!
>
> Area Attractions
> The Orlando Florida area is famous for its attractions and vacation
> spots. Disney World, Universal Studios, and Sea World (just to name a
> few) are within 15 minutes of the hotel. Shuttle service from the
> hotel will be available for a small fee. Cape Canaveral and Cocoa
> Beach are a 30 minute drive East of the hotel.
>
> Symposia, Seminars and Banquet
> Two symposia/seminars will be held which allow those with additional
> time and interest to make the most of the Conference. For those who
> may have interest in just one symposium or seminar, registration for
> the conference is not required to attend these activities. This allows
> maximum flexibility for those who may want to participate during the
> Digital Communications Conference, but do not have an entire weekend
> to devote to the event.
>
> The Fourth APRS National Symposium will be held on Friday and will be
> moderated by Steve Dimse, K4HG (the developer of javAPRS). It will
> likely include many APRS software authors, such as Bob Bruninga,
> WB4APR (the father ofAPRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI
> (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the
> developer of APRSPLUS), Mike Musick, N0QBF (developer of PocketAPRS),
> and other nationally known APRS leaders. Join this group for the
> afternoon and evening for in-depth discussions and presentations on
> the current and future status of APRS. This is a unique opportunity to
> gain insight into this fast-growing digital aspect of amateur
> operations that combines computers, packet radio, and GPS (Global
> Positioning System).
>
> On Saturday night the DCC Banquet will be held. A guest speaker will
> speak after the banquet and a prize drawing will top the evening. The
> Grand Prize is a Palm VII Personal Digital Assistant.
>
> The Sunday morning seminar will be focused on PIC development,
> design, and programming. This five-and-a-half hour seminar will focus
> on the things you need to know now in order to understand and begin to
> participate in PIC development.
>
> Co-Hosts
> The 2000 ARRL and TAPR Digital Communications Conference local co-
> hosts will be Lake Monroe Amateur Radio Society
> (http://www.qsl.net/lmars/),Orange County
> ARES/RACES(http://evcom.net/~jvoisin/ares.htm), Seminole County
> ARES/RACES (http://wwww.geocities.com/capecanaveral/launchpad/4773),
> and Orlando Amateur Radio Club(http://www.oarc.org/).
>
> International Co-Hosts PRUG (Packet Radio User Group of Japan) will be
> the International co-host for a third year running. PRUG will be
> hosting an informal social Friday evening before their seminar and
> symposium is held. Visit http://www.prug.or.jp for more information
> about PRUG.
>
> Call for Papers
> Anyone interested in digital communications is invited to submit a
> paper for publication in the Conference Proceedings. Presentation at
> the Conference is not required for publication. Papers are due by
> August 7th, 2000, and should be submitted to
>
> Maty Weinberg, ARRL
> 225 Main Street
> Newington, CT 06111
>
> or via the Internet to
>
>   lweinberg@arrl.org
>
> Information on paper submission guidelines are available on-line at
>
>   http://www.tapr.org/dcc
>
> Hotel

> Conference presentations, meetings, and seminars will be held at the
> Orlando Airport Marriott. It is highly recommended that you book your
> room prior to arriving. A special DCC room rate of $89/single and
> $89/double per night has been blocked for 50 rooms and is available
> until September 1st, 2000. Once the 50 rooms have been reserved, room
> rates will increase. So be sure to book your rooms early! The hotel
> provides transportation to and from the Orlando International Airport.
> Please contact the hotel to arrange specific transportation needs.
>
> Orlando Airport Marriott (conference hotel)
> 7499 Augusta Drive
> Orlando, FL 32822
> Phone 407-851-9000, Fax 407-857-6211
> (http://marriotthotels.com/MCOAP/)
>
> What you can expect at DCC 2000
> - A full day of papers and breakouts for the beginner to the advanced
> - Two seminars/symposiums
> - The fifth annual Student Paper session.
> - A banquet with Special Guest Speaker.
> - Informal get-togethers throughout the weekend.
> - TAPR Membership Meeting
> - An event at which the most important new developments in amateur
>   digital communications are announced.
> - Digital 'movers and shakers' from all over the world in attendance.
>
> There are few activities where your participation can be so much fun
> and important! What a great way to share and renew your enthusiasm for
> digital amateur radio! A get-together with colleagues and bringing
> each other up to date on your latest work -- all this, and more, for
> an unforgettable weekend of amateur radio and digital communications.
> We hope to see you at the ARRL and TAPR Digital Communications
> Conference on September 22-24, 2000!
>
> Full information on the conference and hotel information can be
> obtained by contacting:
>
> Tucson Amateur Packet Radio
> Phone: (940) 383-0000.
> Fax: (940) 566-2544
> Email: tapr@tapr.org
> Web: http://www.tapr.org
>
> Registration Form
> Contact the TAPR office by Phone 940-383-0000, Fax 940-566-2544, or
> Internet: http://www.tapr.org and tapr@tapr.org to register or for
> additional information.
>
> Conference Registration includes: Conference Proceedings, Sessions,
> Meetings, and Lunch on Saturday.
>
> See http://www.tapr.org/dcc for an on-line registration form or
> text form for mailing or faxing.
>
> A registration packet will be mailed in September upon receipt of
> registration form and payment.
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

72. [propnet] UI-View instructions

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 19 Jul 2000 19:49:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97468-2000.07.19-18.51.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone had the chance to test the instructions on the
website against the real world at your location? I'd like
to start building support on other listserves soon.

Ev, W2EV

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73. [propnet] Perseids Participants?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 19 Jul 2000 19:53:38 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97470-2000.07.19-18.55.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Even though the Perseids are known as the granddaddy of 'em
all, believe it or not, participation is usually quite
lean. Why? Probably because it's the middle of the summer,
and we'd all rather be spending time with our families or
playing golf, etc.

Even so...I'd like to get an idea of how many folks who
belong to this listserve are planning on participating in
this event on packet.

We won't hold you to it...but let us know just how many of
us are (at THIS time) planning on being radioactive for
Perseids Y2k on BEACONet/PropNET.

Ev, W2EV

53.53   W2AAA 100-watts 1/2 wave vertical
147.585 W2EV 300-watts 4-element beam
I'm in New York

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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74. [propnet] Re: Perseids Participants?

From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Wed, 19 Jul 2000 20:01:08 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97474-2000.07.19-19.10.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Count me in as trying it. This will be my first time so I'll be watching
the group for tips. Got to get ready. Plan is 2 meters, 50 watts (unless I
can borrow an amp), 11 element beam, KAM ver 6.0 firmware, UI-view, and a
450 Mhz notebook (Win 98). Anybody see any problems with this? Please let
me know. Thanks.
Dave, KV4CN [FM15hm]

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Wednesday, July 19, 2000 7:53 PM
Subject: [propnet] Perseids Participants?

> Even though the Perseids are known as the granddaddy of 'em
> all, believe it or not, participation is usually quite
> lean. Why? Probably because it's the middle of the summer,
> and we'd all rather be spending time with our families or
> playing golf, etc.
>
> Even so...I'd like to get an idea of how many folks who
> belong to this listserve are planning on participating in
> this event on packet.
>
> We won't hold you to it...but let us know just how many of
> us are (at THIS time) planning on being radioactive for
> Perseids Y2k on BEACONet/PropNET.
>
> Ev, W2EV
>
> 53.53   W2AAA 100-watts 1/2 wave vertical
> 147.585 W2EV 300-watts 4-element beam
> I'm in New York
>
> ---
> You are currently subscribed to propnet as: kv4cn@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

>

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75. [propnet] Re: Perseids Participants?

From: "William Seffens" <wseffens@mediaone.net>
Date: Wed, 19 Jul 2000 20:11:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97476-2000.07.19-19.16.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev, W2EV wrote

> Even so...I'd like to get an idea of how many folks who
> belong to this listserve are planning on participating in
> this event on packet.

KG4EYO:

  53.53   20-watts 5 element beam vertical directed toward West (new mexico)
 147.585   60-watts 9-element beam directed toward NY

I'm in Georgia

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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76. [propnet] Re: Perseids Participants?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 19 Jul 2000 18:28:50 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97478-2000.07.19-19.38.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:53 PM 7/19/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>Even so...I'd like to get an idea of how many folks who
>belong to this listserve are planning on participating in
>this event on packet.
>
>We won't hold you to it...but let us know just how many of
>us are (at THIS time) planning on being radioactive for
>Perseids Y2k on BEACONet/PropNET.

      Operating now, and I plan to remain, or 53.530 using UI-View. If I
get ambitious, I just may bring the Mirage inside and see what 100+ watts
will do. Both for propagation AND for TVI! <G>

      As for the UI-View instructions, I've set my station up according to
the web page Ev built. As to how well it works -- well, I haven't seen
anybody else yet -- anybody seen me? <G/2>

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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77. [propnet] [Fwd: ARRL DCC & Kenwood D-700 APRS Speech Contest]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 20 Jul 2000 06:53:31 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97583-2000.07.20-06.17.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Empty message body]

78. [propnet] Fwd: AstroAlert: Middle Latitude Auroral Activity WATCH - 21 July

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 20 Jul 2000 07:32:15 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97606-2000.07.20-08.37.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Middle Latitude Auroral Activity WATCH - 21 July
>To: sun-earth@skypub.com
>Date: Thu, 20 Jul 2000 04:51:48 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   20 July 2000
>
>   ** Middle Latitude Auroral Activity WATCH for 21 July **
>
>   Auroral activity is expected to intensify to near storm levels on 21
>July following the anticipated arrival of a major M-class solar flare
>associated coronal mass ejection. There is a chance for observations of
>auroral activity from many dark-sky middle latitude regions, particularly
>prior to midnight when the moon is still below the horizon and optimal
>observing conditions exist. Moonrise occurs near local midnight.
>
>   This disturbance is expected to hit the Earth almost head-on, given the
>location of the region that produced it. A visual confirmation of the
>presence of the coronal mass ejection has not been possible to establish
>given the fact that the SOHO spacecraft is currently undergoing maneuver
>operations (which requires that the instruments which make observations of
>CMEs be safeguarded). Regular observations are expected later on 20 July.
>
>   The active sunspot region which spawned the major solar flare of 19 July
>and associated suspected coronal mass ejection is becoming increasingly
>capable of producing significant and energetic events. It is also located
>near the central solar meridian where any additional coronal mass ejections
>should be Earth-directed.
>
>   Although this disturbance is not expected to be as intense or become
>visible as far equatorward as last weeks event was, observing conditions are
>expected to be much better prior to local midnight. As a result, there is a
>chance middle latitude observers may get a better view of activity.
>
>   Activity should begin subsiding during the latter part of the UTC day of
>22 July and 23 July.
>
>   Interested observers may watch conditions easily with the STD Aurora
>Monitor software, available at: http://www.spacew.com/aurora.
>
>   If you make observations of auroral activity during this event, please
>report your findings to the Auroral Activity Observation Network using the
>aforementioned software, or by using the web form available at:
>http://www.spacew.com/www/subaurora.html.
>
>   All observations are archived for future study and may be viewed in
>near-realtime at: http://www.spacew.com/www/auroras.html.
>
>
>** End of AstroAlert **

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79. [propnet] Re: Perseids Participants?

From: "Wayne Ackerman" <wwackerm@teleplex.net>
Date: Thu, 20 Jul 2000 10:09:33 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97612-2000.07.20-09.13.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had some limited success last year on six meters. Will be on again, using
UI-View this year:

53.530   150 watts, 5/8 wave vertical, KPC3+ Ver. 8.3
147.585   150 watts, 4 element quad (vertically polarized), KPC3+ Ver. 8.3

Wayne, W3GYK, Western North Carolina

Snip
>Even so...I'd like to get an idea of how many folks who
>belong to this listserve are planning on participating in
>this event on packet.
>
>We won't hold you to it...but let us know just how many of
>us are (at THIS time) planning on being radioactive for
>Perseids Y2k on BEACONet/PropNET.
>
>Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

80. [propnet] Re: [aprssig] Es opening

From: "Ben Pollard" <ws5r@arrl.net>
Date: Fri, 21 Jul 2000 18:00:08 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>,
       <csaprs@egoups.com>
Message-ID: <LYR1548-97845-2000.07.21-18.05.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
  From: Art Snapper
  To: TAPR APRS Special Interest Group
  Sent: Friday, July 21, 2000 10:56 AM
  Subject: [aprssig] Es opening

  There appears to be a major band opening from here EN72 toward the southwest. It extends at least up
to the FM broadcast band and possibly 2 meters.
  Art NK8X
  Kalamazoo Michigan

To restart the big argument aboutwhether it was eskip or tropo, the 1st one could be either or, or
possibly a mixture of the 2. Normal conditions for this time of day get us out 350 to 400 miles with
existing digi's and it can be tough to make a 75 mile hop between 2 digi's with near 100 deg heat. If I
had to call this packet i would say it was probably e-skipenhanced with some tropo effects. Go ahead and
 flame away, I'm just calling it as I see it. Only packet of any distance I got during this time, most
of the other long ones had quieted down.
Heard Stan KC4ZPL-3>APRS,N8YIB-2,KB5WIO-7*,WIDE6-2:!3901.24NN07821.57W#PHG5160 W/R/T DIGI Strasburg,Va.
at 11:01AM 1300 miles

These were probable tropo enhanced as they came in between Midnite and 8:00AM. The band streched out a
bit, but due to the additional digis going up it is giving me a longer range.

W9MBD>APRS,KB5WIO-7,WA5IHL-9*:!3915.45NN08820.82W#PHG7390/W-R-T-IL/hwknoebel@rr1.net
KD4QIA-2>BEACON,K5MLW-2,KB5WIO-7*,WIDE2:!3254.59NN08642.13W#PHG7430/A=001407/Wn-R-T-AL Thorsby
WB4EPG-2>APRS,CVNL,WB5KRH-5,KB5WIO-7*,TRACE:!3503.24NR08957.84W#MEM Intl Airport relay digi

Back into hibernation...
Ben
WS5R

81. [propnet] Fw: [Texas APRS] Re: 2 meter APRS bandopening

From: "Ben Pollard" <ws5r@arrl.net>
Date: Fri, 21 Jul 2000 18:33:01 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97848-2000.07.21-18.38.57--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

----- Original Message -----
From: "James Smith" <k9apr@tawg.org>
To: <TexasAPRS@itexas.net>
Cc: <propnet@greeceny.com>; <k5wtc@juno.com>
Sent: Friday, July 21, 2000 1:48 PM
Subject: [Texas APRS] Re: 2 meter APRS bandopening

> Hello,
>
> Here is 4 different stations that was received between 11:05am - 11:25am
> CDT
>
> KE5PL-4*>UIDIGI:UIDIGI 1.7 BETA3 (No Position sent)
>
>
NG5W-15*>WIDE4-2>APRS:$GPRMC,160826,A,3151.0515,N,10222.3538,W,000.0,124.5,2
10700,008.3,E*6B
>
> (1112 miles from New Castle, Indiana)
>
> K5WTC-2>KE5PL-4>K5WTC-1*>APRS:!3237.42N\10159.20W# APRS WIDEn-n Lamesa,
> Tx k5wtc@juno.com
> (1057 miles from New Castle, Indiana never seen anything from K5WTC-1
> but still counts as a direct signal)
>
> KC5MVZ-3>KC5MVZ-2*>APRS:!3411.08NN10141.20W#PHG7370 PLVW PLAINVIEW, TX
> DM94
> KC5MVZ-3>KC5MVZ-2*>TRACE3-2>APRS:!3411.08NN10141.20W#PHG7370 Plainview
> area aprs digi.
> (987 miles from New Castle, Indiana. Never seen position from KC5MVZ-2
> so the miles could more or less)
>
> 73, James, K9APR
> Tri-State APRS Working Group / Chairman
> http://www.tawg.org
>
>
>
> ---
> This message was sent via the TexasAPRS Re-Mailer.
> ---
> To be removed from this list send an Email to:
texasaprs-request@itexas.net with the word UNSUBSCRIBE as the message. To
obtain instructions for other commands, send an EMail to
TexasAPRS-Request@itexas.net with the single word HELP as the message.
>

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

82. [propnet] Got a few today...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 21 Jul 2000 19:07:11 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97853-2000.07.21-20.26.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got the following today, all around 10 AM MDT:

W3GP-2>BEACON,KC5MVZ-2,WA5IHL-11*:!3934.28N/08413.65WyPHG7130 George in
Springboro W3GP@arrl.net

1106 miles
_____

WF8X-5>APRS,WA5IHL-11*,WIDE3-1,TRACE:!3940.67N/07946.38W# Chestnut Ridge at
WVU Forest

1344 miles
_____
W3EXW>APRS,KC5MVZ-2,WA5IHL-11*,TRACE5-3:!4027.80NW08000.30W#PHG7480/A=001200
/North Hills ARC digipeater - Pittsburgh PA

1347 miles

```
_____________________________________________
W8UC>APRDA7,WA5IHL-11*,WIDE5-3:;UO14
*211603z\>M=!8hn!SQ{!145.975+3/435.07 -8/R=01195/mode-FF

West Chester, Ohio, around 1100 miles
_____________________________________________

      7 3
      Earl


Earl Needham, KD5XB    mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico         DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun,  breathe is a verb (When you take a breath,
you breathe...)


---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

83. [propnet] Re: [aprssig] Es opening

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 22 Jul 2000 09:16:34 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97898-2000.07.22-09.00.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
Ben noted ----------------------
To restart the big argument aboutwhether it was eskip or
tropo, the 1st one could be either or, or possibly a mixture
of the 2.  Normal conditions for this time of day get us out
350 to 400 miles with existing digi's and it can be tough to
make a 75 mile hop between 2 digi's with near 100 deg heat.
If I had to call this packet i would say it was probably
e-skipenhanced with
some tropo effects.
--------------------------------

Ben makes some interesting observations.  The posits came
through at a time when two propagation modes were quite
likely in effect.  Ben, did you happen to notice any
enhancements on SSB/CW or broadcast-band stuff at the time
or was this an event that was caught "after the fact" by
examining your APRS screen and/or looking at logs?

Good catch!
Ev, W2EV



---
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```

84. [propnet] Re: 2 meter APRS bandopening

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 22 Jul 2000 09:03:15 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97899-2000.07.22-09.00.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
Jim,
You may want to change your address book to reference
propnet@lists.tapr.org rather than me, directly.  This is a
good report for the group, for sure!  Good Catch!  This
seems to coincide with an E-event, btw.  -= Ev =-


James Smith wrote:
>
> Hello,
>
> Here is 4 different stations that was received between 11:05am - 11:25am
> CDT
>
> KE5PL-4*>UIDIGI:UIDIGI 1.7 BETA3  ( No Position sent )
```

>
> NG5W-15*>WIDE4-2>APRS:$GPRMC,160826,A,3151.0515,N,10222.3538,W,000.0,124.5,210700,008.3,E*6B
>
> (1112 miles from New Castle, Indiana)
>
> K5WTC-2>KE5PL-4>K5WTC-1*>APRS:!3237.42N\10159.20W# APRS WIDEn-n Lamesa,
> Tx k5wtc@juno.com
> (1057 miles from New Castle, Indiana never seen anything from K5WTC-1
> but still counts as a direct signal)
>
> KC5MVZ-3>KC5MVZ-2*>APRS:!3411.08NN10141.20W#PHG7370 PLVW PLAINVIEW, TX
> DM94
> KC5MVZ-3>KC5MVZ-2*>TRACE3-2>APRS:!3411.08NN10141.20W#PHG7370 Plainview
> area aprs digi.
> (987 miles from New Castle, Indiana. Never seen position from KC5MVZ-2
> so the miles could more or less)
>
> 73, James, K9APR
> Tri-State APRS Working Group / Chairman
> http://www.tawg.org

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

85. [propnet] August Perseids Meteor Preparations

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 23 Jul 2000 08:15:35 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-97990-2000.07.23-07.21.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a short reminder that our annual attempt to shoot some
falling stars will be commencing shortly. Now is the time
to get "ship shape". From last year's experiments, it
appears that success is *marginally* had by running the
power levels noted below. PLEASE REMEMBER: This is a
classic example of "more is better". You may further
increase your chance of success by using a receive preamp
(most multimode "brick" amplifiers have them built-in).

6-meters 100 watts Effective Radiated Power
(MINIMUM...more is better)
  How to get there (approximations):
    RF Out   Antenna Gain Needed
    10 watts   10 dBd
    20 watts   7 dBd
    50 watts   3 dBd
   100 watts   dipole

2-meters 500watts Effective Radiated Power
(MINIMUM...more is better)
  How to get there (approximations):
    RF Out   Antenna Gain Needed
    25 watts   13 dBd
    50 watts   10 dBd
   100 watts   7 dBd
   150 watts   5 dBd
   300 watts   2 dBd
   500 watts   dipole

Early next week, I will be posting the configuration
directions for APRSdos, UI-View (a windows-based package)
and WinAPRS (a very distant third for this purpose, but
usable if you are a die-hard user of this title). In the
mean time, do what you can to get your station ready for
this summer's Perseids.

On a closing note, it seems that Perseids participation is
traditionally quite weak. I've attributed it to being
summertime...we'd rather be spending time with the family,
etc. Don't forget that you can setup your station to
operate unattended in the USA. Configure your station, let
it run, and check it in the morning. :o) You can still have
plenty of time for the family.

Stand by...more information is on the way -- including links

to find an inexpensive 60-watt 6-meter -or- 110-watt 2-meter
FM transceiver/TNC combination...ready to plug and play!

Ev Tupis
W2AAA>CQ53:[FN03XD]
W2EV>CQ147:[FN03XD]

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

86. [propnet] Messaging

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 24 Jul 2000 08:15:57 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98215-2000.07.24-09.22.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've noticed that when I send a message, a position is also sent,
whether it's time yet or not.

      Is this normal?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

87. [propnet] Re: [ui-view] Re: August Perseids Meteor Preparations

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 24 Jul 2000 10:15:44 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98216-2000.07.24-09.23.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave Howard wrote:

> AS one who stands no chance of getting the 500 W ERP, what is the
> minimum configuration requred to hear anything ?

Good question, Dave!
But before I answer it . . . the ERP figures were intended to be simply a
report of what was successful during the last experiment. It is difficult
to establish long-term "rules of engagement" with data from only one event
(as this was). By all means...be a transmitter, even if you don't reach the
ERP levels mentioned. That is part of the experiment, after all. There is
nothing wrong with trying.

During the Leonids of 1999, successful receptions were noted using vertical
monopole antennas (gain figures weren't shared) on at least three
occasions. Unfortunately, no mention was made as to if they happenened to
be using "brick amplifiers" with preamps...but I would think so.

The idea is to push as much RF as you can, as it will increase your
opportunity for success.

Therefore, the same applies on the RX side: more is better. Use a the
preamp from your brick amplifier, even if you are in RX-only mode for the
event. Here's hoping that you reconsider, and become a beacon for others to
hear, too. I've cc:'d this to the PropNET remailer, as it will help others
there, too.

Welcome aboard!
Ev, W2EV

> > 6-meters 100 watts Effective Radiated Power

> > (MINIMUM...more is better)
> > How to get there (approximations):
> > RF Out Antenna Gain Needed
> > 10 watts 10 dBd
> > 20 watts 7 dBd
> > 50 watts 3 dBd
> > 100 watts dipole
> >
> > 2-meters 500watts Effective Radiated Power
> > (MINIMUM...more is better)
> > How to get there (approximations):
> > RF Out Antenna Gain Needed
> > 25 watts 13 dBd
> > 50 watts 10 dBd
> > 100 watts 7 dBd
> > 150 watts 5 dBd
> > 300 watts 2 dBd
> > 500 watts dipole

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

88. [propnet] Re: ??? Can't get PropNet mail to go through???

From: W6ABC <friday2k@pacbell.net>
Date: Mon, 24 Jul 2000 11:26:54 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98259-2000.07.24-13.34.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
I was reading the setup information you have posted on the list and have
(hopefully) configured correctly. I am on 147.585 from CM87VT with 110
watts to a vertical at 70 feet. Do you have any recomendations on when
to keep beaconing? I have not heard anything yet today. I know this is
a waiting game but thought maybe there is a better time to run than not.

Any additional info regarding your experience so far would be
appreciated. By the way I am using UIView.
73,
Jack W6ABC

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

89. [propnet] Re: UIView

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 24 Jul 2000 14:31:05 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org
Message-ID: <LYR1548-98270-2000.07.24-15.37.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:30 AM 7/24/00 -0700, W6ABC blasted the following out into the ether:
>Hi Earl,
>I was reading the setup information you have posted on the list and have
>(hopefully) configured correctly. I am on 147.585 from CM87VT with 110
>watts to a vertical at 70 feet. Do you have any recomendations on when
>to keep beaconing? I have not heard anything yet today. I know this is
>a waiting game but thought maybe there is a better time to run than not.
>
>Any additional info regarding your experience so far would be
>appreciated. By the way I am using UIView.
>73,
>Jack W6ABC

      Why, sure, Jack.
      We've made a few changes since I posted that message, you might want
to check them out. One of the most notable was the change in the
UNPROTO-TO address. For 2 meters, we settled on CQ147 V HOP1-1, and for 6
meters we use CQ53 v HOP1-1. If you take a look at http://go.to/BEACONet
you can find all the details.
      As for what time to run -- 24 hours a day is best, but there is
probably a better chance between midnight and noon. Noon to midnight is a
bit slow.

Please let me know if I can be of further assistance,
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

90. [propnet] Re: Messaging

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 24 Jul 2000 09:06:43 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98302-2000.07.24-19.37.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:15 AM 7/24/00 -0600, Earl Needham blasted the following out into the
ether:

> I've noticed that when I send a message, a position is also sent,
> whether it's time yet or not.
>
> Is this normal?
>
> 7 3
> Earl

Uh -- sorry, gang -- this was meant for the HamHUD list.

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

91. [propnet] Re: UIView

From: "RT" <rickn3ztz@prodigy.net>
Date: Mon, 24 Jul 2000 22:18:13 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: <propnet@lists.tapr.org>
Message-ID: <LYR1548-98315-2000.07.24-21.29.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got UI-View up and running. Everything seems to be doing ok. But when
I try to put V HOP1-1 after the cq147 an error box opens and says that it is
not a valid AX25 address. If I just have cq147 it accepts it OK My TNC is
the mfj1278b. Thanks for any help. Rick

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

92. [propnet] Re: UI-View Meteor Mode Instructions

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 24 Jul 2000 14:29:46 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98329-2000.07.24-23.37.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:56 PM 7/17/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
>Hi Everyone!

>It's time to unveil the latest website to bring us together:
>http://go.to/BEACONet
>It is the new name for PropNET (it seems that PropNET is copywrited and
>I don't have the energy nor personal resources to challange its use).

      Just curious -- is the name of the mailing list going to change too?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

93. [propnet] Re: UI-View Meteor Mode Instructions

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 25 Jul 2000 07:05:12 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98366-2000.07.25-06.18.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
> At 06:56 PM 7/17/00 -0400, Ev Tupis (W2EV) blasted the following out into
> the ether:
> >Hi Everyone!
> >It's time to unveil the latest website to bring us together:
> >http://go.to/BEACONet
> >It is the new name for PropNET (it seems that PropNET is copywrited and
> >I don't have the energy nor personal resources to challange its use).
>
>   Just curious -- is the name of the mailing list going to change too?

Good question. I ought to speak with TAPR.
Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

94. [propnet] Re: UIView

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 25 Jul 2000 06:35:04 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98391-2000.07.25-07.42.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:18 PM 7/24/00 -0400, RT blasted the following out into the ether:
>I just got UI-View up and running. Everything seems to be doing ok. But when
>I try to put V HOP1-1 after the cq147 an error box opens and says that it is
>not a valid AX25 address. If I just have cq147 it accepts it OK My TNC is
>the mfj1278b. Thanks for any help. Rick

      Hi, Rick. It isn't all that obvious, but UI-View doesn't use the V
or VIA, just a comma. That might be a point to address sooner or later.

      Under SETUP, click on STATION SETUP and, in the window marked UNPROTO
ADDRESS type CQ147,HOP1-1.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,

you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

95. [propnet] Re: UIView

From: W6ABC <friday2k@pacbell.net>
Date: Tue, 25 Jul 2000 11:18:32 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98472-2000.07.25-13.26.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
Do we also put the CQ147,HOP1-1 command in the Meteor mode setup menu
?
73,
Jack W6ABC

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

96. [propnet] ARRL and TAPR 19th Annual Digital Communications Conference

From: "Steven R. Bible" <n7hpr@tapr.org>
Date: Tue, 25 Jul 2000 16:29:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98489-2000.07.25-15.35.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ARRL and TAPR 19th Annual
Digital Communications Conference
September 22-24, 2000 - Orlando, Florida

For more information see: http://www.tapr.org/dcc

Information
Mark your calendar and start making plans to attend the year's premier
event in digital communications. The 19th Annual ARRL and TAPR
Digital Communications Conference will be held September 22-24, 2000,
in Orlando, Florida - just minutes from the Orlando International
Airport.

The ARRL and TAPR Digital Communications Conference is an
international forum for radio amateurs in digital communications,
networking, and related technologies to meet, publish their work, and
present new ideas and techniques for discussion. Presenters and
attendees will have the opportunity to exchange ideas and learn about
recent hardware and software advances, theories, experimental results,
and practical applications. The Digital Communications Conference is
not just for the digital expert, but also for digitally oriented
amateurs of all levels of experience.

A Conference for the Beginner as well
The conference is not just for the digital expert. As in years past
an entire session strand with beginning, intermediate, and advanced
presentations on selected topics in digital communications will be
offered. Some of the topics will include: APRS, Satellite
Communications, TCP/IP, Digital Radio, Spread Spectrum and other
introductory topics. Come to the conference and hear these topics
presented by the experts!

Area Attractions
The Orlando Florida area is famous for its attractions and vacation
spots. Disney World, Universal Studios, and Sea World (just to name a
few) are within 15 minutes of the hotel. Shuttle service from the
hotel will be available for a small fee. Cape Canaveral and Cocoa
Beach are a 30 minute drive East of the hotel.

Symposia, Seminars and Banquet
Two symposia/seminars will be held which allow those with additional
time and interest to make the most of the Conference. For those who
may have interest in just one symposium or seminar, registration for
the conference is not required to attend these activities. This allows
maximum flexibility for those who may want to participate during the
Digital Communications Conference, but do not have an entire weekend

to devote to the event.

The Fourth APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father ofAPRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS), Mike Musick, N0QBF (developer of PocketAPRS), and other nationally known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

On Saturday night the DCC Banquet will be held. A guest speaker will speak after the banquet and a prize drawing will top the evening. The Grand Prize is a Palm VII Personal Digital Assistant.

The Sunday morning seminar will be focused on PIC development, design, and programming. This five-and-a-half hour seminar will focus on the things you need to know now in order to understand and begin to participate in PIC development.

Co-Hosts
The 2000 ARRL and TAPR Digital Communications Conference local co-hosts will be Lake Monroe Amateur Radio Society (http://www.qsl.net/lmars/),Orange County ARES/RACES(http://evcom.net/~jvoisin/ares.htm), Seminole County ARES/RACES (http://wwww.geocities.com/capecanaveral/launchpad/4773), and Orlando Amateur Radio Club(http://www.oarc.org/).

International Co-Hosts PRUG (Packet Radio User Group of Japan) will be the International co-host for a third year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit http://www.prug.or.jp for more information about PRUG.

Call for Papers
Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the Conference is not required for publication. Papers are due by August 7th, 2000, and should be submitted to

Maty Weinberg, ARRL
225 Main Street
Newington, CT 06111

or via the Internet to

   lweinberg@arrl.org

Information on paper submission guidelines are available on-line at

   http://www.tapr.org/dcc

Hotel
Conference presentations, meetings, and seminars will be held at the Orlando Airport Marriott. It is highly recommended that you book your room prior to arriving. A special DCC room rate of $89/single and $89/double per night has been blocked for 50 rooms and is available until September 1st, 2000. Once the 50 rooms have been reserved, room rates will increase. So be sure to book your rooms early! The hotel provides transportation to and from the Orlando International Airport. Please contact the hotel to arrange specific transportation needs.

Orlando Airport Marriott (conference hotel)
7499 Augusta Drive
Orlando, FL 32822
Phone 407-851-9000, Fax 407-857-6211
(http://marriotthotels.com/MCOAP/)

What you can expect at DCC 2000
- A full day of papers and breakouts for the beginner to the advanced
- Two seminars/symposiums
- The fifth annual Student Paper session.
- A banquet with Special Guest Speaker.
- Informal get-togethers throughout the weekend.
- TAPR Membership Meeting

- An event at which the most important new developments in amateur
  digital communications are announced.
- Digital 'movers and shakers' from all over the world in attendance.

There are few activities where your participation can be so much fun
and important! What a great way to share and renew your enthusiasm for
digital amateur radio! A get-together with colleagues and bringing
each other up to date on your latest work -- all this, and more, for
an unforgettable weekend of amateur radio and digital communications.
We hope to see you at the ARRL and TAPR Digital Communications
Conference on September 22-24, 2000!

Full information on the conference and hotel information can be
obtained by contacting:

Tucson Amateur Packet Radio
Phone: (940) 383-0000.
Fax: (940) 566-2544
Email: tapr@tapr.org
Web: http://www.tapr.org

Registration Form
Contact the TAPR office by Phone 940-383-0000, Fax 940-566-2544, or
Internet: http://www.tapr.org and tapr@tapr.org to register or for
additional information.

Conference Registration includes: Conference Proceedings, Sessions,
Meetings, and Lunch on Saturday.

See http://www.tapr.org/dcc for an on-line registration form or
text form for mailing or faxing.

A registration packet will be mailed in September upon receipt of
registration form and payment.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

97. [propnet] Strange route?

From: "Ben Pollard" <ws5r@arrl.net>
Date: Wed, 26 Jul 2000 22:43:43 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98704-2000.07.26-22.50.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got the following packet in this morn, most likely tropo. the strange thing
is other than this being the 1st NE station I've seen on RF is that I didn't
see the 1st 2 digi's on my screen! May have been a quick ms opening as BOY
is in Omaha and VZP is east of KCMO. That makes it a 300 mile single hop
from VFP to CHNDLR (in Cent OK). Although a bit close for ms, why didn't I
see any other staions in that area or anything in KS or MO. Just adds to the
mystery of APRS propagation, which I am beginning to think is a method to
figure out in itself with digi's, etc.

ABEL>APRS,K0BOY-2,KB0VZP-2,CHNDLR,WB5KRH-5,WS5R-3,KB5WIO-7*,TRACE6-1:=4049.3
4N/09641.74W# LARC digi Lincoln, NE

73
Ben

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

98. [propnet] Re: UIView

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 26 Jul 2000 23:58:57 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98742-2000.07.27-01.04.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:18 AM 7/25/00 -0700, W6ABC blasted the following out into the ether:
>Hi,
>Do we also put the CQ147,HOP1-1 command in the Meteor mode setup menu

>?
>73,
>Jack W6ABC

      I haven't seen an answer yet, so let me say that I THINK we do...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

99. [propnet] Re: UIView

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 27 Jul 2000 08:31:06 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98746-2000.07.27-02.36.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-98742-2000.07.27-01.04.40--roger#peaksys.co.uk@list
s.tapr.org>, Earl Needham <KD5XB@AMSAT.ORG> writes
>At 11:18 AM 7/25/00 -0700, W6ABC blasted the following out into the ether:
>>Hi,
>>Do we also put the CQ147,HOP1-1 command in the Meteor mode setup menu
>>?
>>73,
>>Jack W6ABC
>
>   I haven't seen an answer yet, so let me say that I THINK we do...

Yes, the destination address and digis are always separated by commas.

As a general point, when you've got any UI-View set-up dialogue open, if
you press F1, you'll get the help for it, and it usually explains what
goes in the various boxes.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

100. [propnet] Re: Strange route?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 27 Jul 2000 06:50:49 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98757-2000.07.27-05.59.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben mentioned:
> Got the following packet in this morn, most likely tropo. the strange thing
> is other than this being the 1st NE station I've seen on RF is that I didn't
> see the 1st 2 digi's on my screen! May have been a quick ms opening as BOY
> is in Omaha and VZP is east of KCMO. That makes it a 300 mile single hop
> from VFP to CHNDLR (in Cent OK). Although a bit close for ms, why didn't I
> see any other staions in that area or anything in KS or MO. Just adds to the
> mystery of APRS propagation, which I am beginning to think is a method to
> figure out in itself with digi's, etc.
>
> ABEL>APRS,K0BOY-2,KB0VZP-2,CHNDLR,WB5KRH-5,WS5R-3,KB5WIO-7*,TRACE6-1:=4049.3
> 4N/09641.74W# LARC digi Lincoln, NE

Now THIS is very interesting. It's nice to see someone
actually using TRACEn-N to allow us to see what path was
actually traversed, by the way.

I'm going to break-down my best guess into sections what
will "build" on one another until I reach a conclusion
(which may be one of several possible, btw).

It looks like this packet may have been originally launched
with the UIPath of RELAY,TRACE6-6 (since it ends with
TRACE6-1 and there are six substitutions). Each
substitution was consumed as follows (the easy part, as Ben
pointed out):

```
Consumed By       Passed
RELAY    K0BOY-2  TRACE6-6
TRACE6-6 K0VZP-2  TRACE6-5
TRACE6-5 CHNDLR   TRACE6-4
TRACE6-4 WB5KRH-5 TRACE6-3
TRACE6-3 WS5R-3   TRACE6-2
TRACE6-2 KB5WIO-7 TRACE6-1
TRACE6-1 not consumed
```

The mystery appears to be the propagation path between
TRACE6-6 and TRACE6-5. Because of the way that the APRS
service is setup, it is probably safe to assume that K0VZP-2
and CHNDLR are well-equipped digipeaters at altitude as it
is doubtful that home-stations would be setup to react to a
TRACEn-N digipeat request.

Now for the conjecture. (I love this part <g>). MS
refraction over this "short" of a distance is possible,
provided the burn was high in the atmosphere and
perpendicular to the path between the stations. This effect
is most pronounced on 6-meters, though. Also given the
power budget for 2-meter MS, it would have to be one big
rock; but that's still not impossible.

Another line of thinking suggests airplane scatter or even
tropo. The airplane scatter route would support a "one
shot" over the path that happened to get through.

While tropo would have suggested that more than one packet
get through, let's not forget that the APRS network is setup
to collapse, as traffic increases, into smaller and smaller
"cells". That makes chasing DX a more difficult thing to do
as network traffic increases. This explains why Earl is
blessed with catching so many openings that seem to elude
many of the rest of the country's APRS operators -- DX rolls
in and is captured because there is relatively little local
traffic "QRMing" it. In Ben's case, it is possible that the
band was "open", but this was the only packet to make the
300 mile jump between other traffic.

It would be interesting to study the weather maps for this
path at the time the packets were received to see if there
was any opportunity for enhancement.

As always...the propagation mode is conjecture. The fact
is, Ben (using UI-packet technology) found an anomoly that
is worthy of study. If this mode occurs enough, it could
lead us to new (or clearer) understanding of various RF
propagation modes.

Thanks for sharing, Ben!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

101. [propnet] Perseids Packet Experiment 2000

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 27 Jul 2000 07:18:43 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98760-2000.07.27-06.22.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

First, a bit of levity :o) ----------

'Tis the middle of summer and all 'round the house

the honey-do list includes pool decks to douse
with cleaner and stain to keep looking new;
the Amateur pleasures are seemingly few.

Yet here's an event that's certain to please
It comes every August; you work it with ease.
The Perseids meteor shower can be
worked on a Packet, auto-ma-ti-ca-ly.

Assemble your station and just let it run
and check it with every new rise of the sun.
What distant new icon appeared overnight?
Each new occurance -- a wonderful sight!

Experiment, have fun and share summer joy,
Imagine the uses this tool could employ
For the amateur scientist that's in us all:
Take no time from family and come, have a ball!

The Perseids have begun to fall (this event peaks on August 12th, but is a fairly broad event, starting and ending +/- 2-weeks from that date). The most usable portion of the event for amateur meteor scatter is August 8th to 16th for 6-meter operators, and August 10th to 13th for 2-meter operators, as this is the most dense part of the meteor trail.

A large number of true experimentors will be attempting meteor-trail communication using FM packet radio again this year. An advantage of FM packet is that it can run 24/7 during these types of events. The operator simply checks the computer screen periodically to see what may have been caught! Because operation takes place on 53.53-MHz and 147.585-MHz 24/7 operation probably won't interfere with SSB/CW attempts that one may wish to make simultaneously.

Last year, successful participants needed ERP's of 100 watts and 500 watts for 6-meter and 2-meter operation, respectively. Don't let that discourage you, if your power level is less...but please -- allow it to motivate you to use an amplifier if you have one! Part of the experiment is to help determine the power budget needed for this type of operation!

All you need is a packet TNC, computer, transceiver/antenna and software. This year, we are featuring software called "UI-View" for Windows computers and APRSdos for MS-DOS computers. Note: this is *not* APRS (which is a service that runs on 144.39). APRSdos simply includes a Meteor Mode which is useful to our purpose.

This year, we are using the "Quadrant" MS method. The continent is divided into four parts. NE transmits continuously for the first 15 seconds of each minute. SE takes the 15-30 second slot, SW takes 30-45 and NW takes 45-00. During the "other" 45-seconds, your station listens for folks in the other three quadrants. The software controls the timing for you...it's one 15-second long transmission (not a ton of small T/R cycles for 15-seconds).

Intrigued? Care to join us? Visit http://go.to/BEACONet and select the hyperlink for Meteor Scatter Operations. You can get the UI-View software and configuration information right there! The whole process, from cold start (no software) to participating (everything configured and functioning) is less than 90 minutes! Best of all, once it's done, the software remembers its' configuration so all you do is power-up and start operating!

Last of all (and probably as important as everything else), join the eMail remailer that these experimenters use. It is low volume, but quite high quality...chock full of information as meteor events come and go. You won't regret it. Joining instructions are on the BEACONet website, too.

While general follow-up announcements will be made on other remailers, the remailer noted on the BEACONet website will

be where details and specifics will be discussed.

By the way...the BEACONet website (http://go.to/BEACONet) is
still under development. Don't fret, though. It's being
added to every day.

Join us! Have a ball!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

102. [propnet] Re: Perseids Packet Experiment 2000

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 27 Jul 2000 07:41:32 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98771-2000.07.27-08.47.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:18 AM 7/27/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>Assemble your station and just let it run
>and check it with every new rise of the sun.
>What distant new icon appeared overnight?
>Each new occurance -- a wonderful sight!

      Already doing this, but have received nothing so far. hey,
everybody, TURN THAT BEAM OUT THIS-A-WAY! Point at 34N, 103W, DM84, and
53.530 MHz!

><snip>
>A large number of true experimentors will be attempting
>meteor-trail communication using FM packet radio again this
>year. An advantage of FM packet is that it can run 24/7
>during these types of events. The operator simply checks
>the computer screen periodically to see what may have been
>caught!

      Sounds like a shrimp net...<G>

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

103. [propnet] Re: UIView

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 26 Jul 2000 19:07:00 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-98908-2000.07.27-21.34.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W6ABC wrote:

> Hi,
> Do we also put the CQ147,HOP1-1 command in the Meteor mode setup menu
> ?
> 73,
> Jack W6ABC

Jack,
I'm not sure what you're asking, actually...but if the directions on the
website are followed, everything ought to work fine. Could you clarify a
bit? -= Ev =-

http://go.to/BEACONet

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

104. [propnet] Big Aurora = Diminishing Returns. Why?

From: "Tupis, Ev" <evman@ix.netcom.com>
Date: Sat, 29 Jul 2000 18:03:07 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-99241-2000.07.29-17.09.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With all of the experts on these eMail remailer lists, I'm sure that I'm
sticking my neck out farther than I need to, but . . . oh well, what the
hey' :o)

Based solely on my attempting to understand the mechanics of an aurora
in 3D space over a period of time, and further support from an eMail
that Paul Kelley floated to one of the listserves that I subscribe to, I
decided to assemble a document that may help to bring some light to the
sometimes confusing nature of auroral communications.

If you are at all interested in a graphical representation of my
thoughts on the topic, follow this link:
http://www/rochesterny.org/propnet/aurora

It will take you to a site that I believe explains why stations "north"
of the auroral curtain saw diminishing results as the "big" recent
aurora built in strength.

There are probably greater experts on the topic than I am, but very few
of them have taken much of an opportunity to enlighten us...so you get
the rantings of a plain-old-guy who has simply been watching this stuff
since the middle 70's.

At the very least, it can jump-start some dialoge from those who are
more informed.

With regard,
Ev Tupis, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

105. [propnet] URL ERROR for: Big Aurora = Diminishing Returns. Why?

From: "Tupis, Ev" <evman@ix.netcom.com>
Date: Sat, 29 Jul 2000 18:07:04 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-99242-2000.07.29-17.12.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

And, of course, the URL is *wrong*. Try this one:
http://www.rochesterny.org/propnet/aurora

I *hate* when that happens.
-= Ev =-

"Tupis, Ev" wrote:
>
> With all of the experts on these eMail remailer lists, I'm sure that I'm
> sticking my neck out farther than I need to, but . . . oh well, what the
> hey' :o)
>
> Based solely on my attempting to understand the mechanics of an aurora
> in 3D space over a period of time, and further support from an eMail
> that Paul Kelley floated to one of the listserves that I subscribe to, I
> decided to assemble a document that may help to bring some light to the
> sometimes confusing nature of auroral communications.
>
> If you are at all interested in a graphical representation of my
> thoughts on the topic, follow this link:
> http://www/rochesterny.org/propnet/aurora
>
> It will take you to a site that I believe explains why stations "north"

> of the auroral curtain saw diminishing results as the "big" recent
> aurora built in strength.
>
> There are probably greater experts on the topic than I am, but very few
> of them have taken much of an opportunity to enlighten us...so you get
> the rantings of a plain-old-guy who has simply been watching this stuff
> since the middle 70's.
>
> At the very least, it can jump-start some dialoge from those who are
> more informed.
>
> With regard,
> Ev Tupis, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

106. [propnet] Re: URL ERROR for: Big Aurora = Diminishing Returns. Why?

From: David A Aitcheson - KB3EFS <cdjintl@clark.net>
Date: Sat, 29 Jul 2000 19:11:01 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-99249-2000.07.29-18.16.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thus proving that you are *still* a human!

73 Dave KB3EFS

"Tupis, Ev" wrote:
>
> And, of course, the URL is *wrong*. Try this one:
> http://www.rochesterny.org/propnet/aurora
>
> I *hate* when that happens.
> -= Ev =-
>

--

David A. Aitcheson - KB3EFS

I am not renewing the contract with my ISP (Verio/Borg) clark-net.
Unless something changes my Email and WWW access is ending on or
just before 15 Sept 2000.

Email: KB3EFS@ARRL.NET or: CDJINTL@CLARK.NET <== Disappearing soon!

Radio: 147.225+ 147.540   224.560- 224.760- 443.650+ 444.250+

Grid: FM19MB Lat: 39N 02' 34.08" Lon: 76W 56' 22.20"

  Web: http://www.clark.net/pub/cdjintl/   <== Disappearing soon!
AOLim: cdjintl3   <== Disappearing soon!
  ICQ: 34592569   <== Disappearing soon!

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August 2000

Original source file: propnet.0008
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0008

1. [propnet] Meteor Scatter set-up

From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Wed, 2 Aug 2000 20:23:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100117-2000.08.02-19.28.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK guys help me out. This is my first time.
Planned packet is KV4CN>CQ147:[FM15]
I want to do straight meteor scatter so I don't think that I need the
HOP1-1(or do I?). Will use UI-VView, MS mode, 15 sec burst, 15 sec start
(SE quadrant). Frequency 147.585 (or 145.79?), approx 500 W ERP, running
~24 hrs sometime between Aug 10 & 13.
Does this look OK? If not, what should I change.
Thanks, Dave, KV4CN

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: Meteor Scatter set-up

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 03 Aug 2000 06:42:42 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100196-2000.08.03-05.46.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dave,
Welcome aboard!
A little history (mostly for the benefit of those folks who
are new to this stuff, for their insight)...HOP1-1 is a
request to digipeat once. The idea was to attempt to get a
packet "back" across a meteor trail that just propagated a
DX packet "to" you. This was in place during last year's
Leonids attempt, when we were using different software
(WINaprs) that didn't support the 15-second burst mode. We
were simply beaconing every 10-seconds, once.

Since we are now using UI-View and transmitting for 15
seconds at a time, I've not figured out how to attempt a
return packet, since the originating station will be
transmitting for all that time, listening only after the
last packet is sent. Statistically, the opportunity for a
return pack is quite slim.

I have some thoughts on the topic, but all of them would
require additional code in the UI-View software. Knowing
how much personal effort the author goes through to keep
such an excellent product functioning, I'm hesitant to
suggest them right now...but I may before we do this again
in November for the Leonids shower.

As a result, the HOP1-1 is really not necessary for now.

Everything else you inquired about is fine. The frequency
is 147.585 (as well as 53.53, by the way). The other
2-meter frequency that you mentioned was "abandoned" a
couple of years back to allow for the International Space
Station's operation on 145.800-MHz and we've moved "up the
band". The advantage of the move is that it makes
BEACONet/PropNET easier for SSB/CW rock-chasers to join us,
simultaneously (less self-QRM to both operations).

As an aside, you may want to consider using a 6-character
grid-square in your transmit packet as it will allow for
more accurate distance calculation, should you be received
by a DX station.

It's nice to have you aboard, Dave! Here's hoping for a
return of the Perseids in a big way in 2000! (they were
pretty lame on most accounts last year...even for the SSB/CW
crowd)

Ev Tupis, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Re: Meteor Scatter set-up

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 03 Aug 2000 09:12:16 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100338-2000.08.03-16.05.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:42 AM 8/3/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>Since we are now using UI-View and transmitting for 15
>seconds at a time,

<snip>

      Ev, I have UI-View configured to transmit for 15 seconds, starting at
minute+30 seconds. But I notice my rig doesn't transmit for 15
seconds, more like SIX seconds!

      Any thoughts?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: Meteor Scatter set-up

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 3 Aug 2000 23:11:07 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100355-2000.08.03-17.17.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-100338-2000.08.03-16.05.14--roger#peaksys.co.uk@lis
ts.tapr.org>, Earl Needham <KD5XB@AMSAT.ORG> writes
>At 06:42 AM 8/3/00 -0400, Ev Tupis (W2EV) blasted the following out into
>the ether:
>><snip>
>>Since we are now using UI-View and transmitting for 15
>>seconds at a time,
>
><snip>
>
>   Ev, I have UI-View configured to transmit for 15 seconds, starting at
>minute+30 seconds. But I notice my rig doesn't transmit for 15
>seconds, more like SIX seconds!

It works like this:-

If you say you want to transmit for 15 seconds, UI-View looks at the
size of your beacon text, the size of the frame header, adds on an
allowance for the various overheads in the frame, and then works out how
many frames it should send to the TNC. It should be accurate to within
half a second.

The only things I can think of that could result in a shortened
transmission is if the TNC watchdog timer is stopping the transmission,
or the TNC has an exceptionally small input buffer, and the handshaking
isn't working.

If you open the UI-View Terminal window, you'll see all the frames
scroll up the screen, and if you want to check how many UI-View is
sending to the TNC, you can turn off Meteor Mode after one burst and
count them.

As an example - sending your locator like e.g. "[IO92XX]", without any
digis, should result in 78 frames.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Re: Meteor Scatter set-up

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 03 Aug 2000 17:57:08 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100384-2000.08.03-19.19.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:11 PM 8/3/00 +0100, Roger Barker blasted the following out into the
ether:
><snip>
>If you say you want to transmit for 15 seconds, UI-View looks at the
>size of your beacon text, the size of the frame header, adds on an
>allowance for the various overheads in the frame, and then works out how
>many frames it should send to the TNC. It should be accurate to within
>half a second.
>
>The only things I can think of that could result in a shortened
>transmission is if the TNC watchdog timer is stopping the transmission,
>or the TNC has an exceptionally small input buffer, and the handshaking
>isn't working.

      Is there any way of checking these things?

>If you open the UI-View Terminal window, you'll see all the frames
>scroll up the screen, and if you want to check how many UI-View is
>sending to the TNC, you can turn off Meteor Mode after one burst and
>count them.
>
>As an example - sending your locator like e.g. "[IO92XX]", without any
>digis, should result in 78 frames.

      OK, using KISS, I'm getting 71 of the following, copied from the
terminal window:

17:52:33T KD5XB-6>CQ53,HOP1-1 <UI C Len=4>:DM84

      Now -- have I got a setting wrong or something? I'm not accustomed
to seeing the time on the packets, nor the "<UI C Len=4>".

      Thanks,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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6. [propnet] Re: Meteor Scatter set-up

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 4 Aug 2000 09:12:28 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100498-2000.08.04-03.18.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-100384-2000.08.03-19.19.00--roger#peaksys.co.uk@lis
ts.tapr.org>, Earl Needham <KD5XB@AMSAT.ORG> writes
>At 11:11 PM 8/3/00 +0100, Roger Barker blasted the following out into the
>ether:
>><snip>
>>If you say you want to transmit for 15 seconds, UI-View looks at the
>>size of your beacon text, the size of the frame header, adds on an
>>allowance for the various overheads in the frame, and then works out how
>>many frames it should send to the TNC. It should be accurate to within
>>half a second.
>>
>>The only things I can think of that could result in a shortened
>>transmission is if the TNC watchdog timer is stopping the transmission,
>>or the TNC has an exceptionally small input buffer, and the handshaking
>>isn't working.
>
>   Is there any way of checking these things?

The size of the TNC input buffer should be documented. However, unless
it's a very unusual piece of kit, it won't be a problem. Handshaking
only becomes relevant if the TNC input buffer is small. The tx watchdog
timer again shouldn't cause a problem on most TNCs, because six seconds
is far too short a period for a watchdog timer to be turning the tx off.
However, if the TNC is home-made or something, then it's possible that
there's an incorrect R or C in there.

>>If you open the UI-View Terminal window, you'll see all the frames
>>scroll up the screen, and if you want to check how many UI-View is
>>sending to the TNC, you can turn off Meteor Mode after one burst and
>>count them.
>>
>>As an example - sending your locator like e.g. "[IO92XX]", without any
>>digis, should result in 78 frames.
>
>   OK, using KISS, I'm getting 71 of the following, copied from the
>terminal window:
>
>17:52:33T KD5XB-6>CQ53,HOP1-1 <UI C Len=4>:DM84
>
>   Now -- have I got a setting wrong or something? I'm not accustomed
>to seeing the time on the packets, nor the "<UI C Len=4>".

No that's exactly correct, your beacon text - "DM84" - is four
characters shorter than my example text, but you've got a digi in the
path and I hadn't, and that adds on seven characters. The net result is
that your frame is three characters longer, and so you'll send slightly
fewer in 15 seconds - 71 as opposed to 78.

So, whatever the problem is, it's in the hardware.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] Here's one!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 03 Aug 2000 18:48:09 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100499-2000.08.04-03.19.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This just came in on .39 --

KD4MWO>APW228,AA4QI-1,WA5IHL-11*:=3024.75N/08139.20WWPHG7338/WinAPRS 2.2.8
-FLDUVJAX   -228-<520>

      1294 miles.

      As a point of interest, I live on the end of a "digi string". ALL of
the traffic I see must go through WA5IHL-11 (the closest digi to me) and
KB5ZFA-15 (the SECOND closest digi to me). The only other route is all the
way from WA5IHL-11 to KC5MVZ-3 in Plainview, Texas, a hop of around 105 miles.
      ZFA-15 isn't working very well right now, and doesn't pass traffic as
it should. IN fact, I normally only see three stations during the day --

my home, my car, and WA5IHL-11. For KD4MWO is unusual in two
respects. First, it occurred in the daylight, and second, it's a LONG ways
out.

      Freak occurrence? Meteor shower? One or the other...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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8. [propnet] ANOTHER ONE!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 03 Aug 2000 18:52:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100500-2000.08.04-03.19.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Must be E skip or something.

KE4KUR-3>APRS,N1NFC-1,WA5IHL-11*,WIDE:!3259.63NN08016.20W#PHG6550 WIDEN-N
SUMMERVILLE, SC

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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9. [propnet] Grid Locator [was: Meteor Scatter set-up]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 04 Aug 2000 07:02:23 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100533-2000.08.04-06.37.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> 17:52:33T KD5XB-6>CQ53,HOP1-1 <UI C Len=4>:DM84

A-ha! Something that I've forgotten to document as
important! There are differences between how APRSdos and
UI-View decode gridsquare locators. There is only one
common format...6-characters between "[ ]"'s. To be sure
that UI-View users and APRSdos users will be able to decode
each others transmissions, we will all need to use that
format.

Take a moment to assure that your transmissions include
"[GR##ID]" as the locator. If you don't know your
6-character locator, there are instructions on
http://www.arrl.org that can help you to determine it
accurately. Additionally, there are some java-based web
resources to do the same (you'll have to do a search, I
don't have 'em bookmarked). Lastly, if you don't want to
spend the time (or you wish your location to remain more
ambiguous), simply use "LL" as the last two characters.
That will place you approximately in the center of the grid
(but reduce the ability to accurately calculate distances of
successes).

Ev, W2EV

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10. [propnet] Shortened Transmit [was: Meteor Scatter set-up]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 04 Aug 2000 06:49:14 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100532-2000.08.04-06.37.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
> At 06:42 AM 8/3/00 -0400, Ev Tupis (W2EV) blasted:
> ><snip>
> >Since we are now using UI-View and transmitting for 15
> >seconds at a time,
> <snip>
>   Ev, I have UI-View configured to transmit for 15 seconds, starting at
> minute+30 seconds. But I notice my rig doesn't transmit for 15
> seconds, more like SIX seconds!

!! I had the same "problem" at first !! Man, was I
scratching my head. Then I noticed that, even though my
computer took only a few seconds to "off load" all the
packets to transmit to the TNC, the TNC still stayed keyed
for the full 15 seconds.

So...as a point of clarification, are you timing the
computer-to-TNC dump-time (quite short if you are
communicating at 4800 or 9600 baud) or the
TNC-keying-the-transmitter time (probably the full 15
seconds at 1200 baud)?

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] Re: ANOTHER ONE!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 04 Aug 2000 07:15:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100534-2000.08.04-06.38.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
>
>   Must be E skip or something.
>
> KE4KUR-3>APRS,N1NFC-1,WA5IHL-11*,WIDE:!3259.63NN08016.20W#PHG6550 WIDEN-N
> SUMMERVILLE, SC

Earl,
Thanks for posting this type of message to the remailer.
Though not all posts get personal responses, such
observations are used by me and others to help to understand
the type of propagation that we are likely to observe. That
helps in helping to form the kind of network we need to
establish to plot the anamolies in greater detail.

For instance...I've noticed that WA5IHL-11 has been a source
for Earl to observe long-distance openings that he may have
otherwise not noticed. Rarely does he get DX directly.
This is not unique to him, but is observed by the postings
from others to this remailer, too.

It's too early to draw hard conclusions based on the limited
data we have so far, but I'm starting to think that the
establishment of HUBs (BEACONet/PropNET equivalents to APRS'
TRACEn-N digipeaters) at altitude and with good RF output

will go a long way in our desire to study propagation
anamolies.

Anyway...a "thanks" to all who share their DX reports here.
It helps to understand not only propagation mechanisms, but
also how they differ from one area of the continent to
another!

Regards,
Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] Re: Shortened Transmit [was: Meteor Scatter set-up]

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 07:38:00 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100551-2000.08.04-08.59.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:49 AM 8/4/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>!! I had the same "problem" at first !! Man, was I
>scratching my head. Then I noticed that, even though my
>computer took only a few seconds to "off load" all the
>packets to transmit to the TNC, the TNC still stayed keyed
>for the full 15 seconds.
>
>So...as a point of clarification, are you timing the
>computer-to-TNC dump-time (quite short if you are
>communicating at 4800 or 9600 baud) or the
>TNC-keying-the-transmitter time (probably the full 15
>seconds at 1200 baud)?

      I'm watching the little red "TX" light on the transceiver...

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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13. [propnet] More this morning!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 09:30:46 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100606-2000.08.04-12.25.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got the following this morning, on 144.39. AND THEY'RE STILL COMING IN!

KU4LY-7>BEACON,KD4AXP-3,WA5IHL-11*:!3024.11NN08658.76W#PHG7470/WIDE Santa
Rosa Co. ARES Digi
991 miles

KD4QIA-2>BEACON,N4TKT-3,WA5IHL-11*,WIDE2-1:!3254.59NN08642.13W#PHG7430/A=001
407/Wn-R-T-AL Thorsby
963 miles

KD4AXP-3>BEACON,WA5IHL-11*,WIDE3-2:!3152.10N/08511.2IW#PHG4530/W-R-T
EUFAULA, AL
1060 miles

KL7Q>APR817,N4TKT-2,KD4AXP-3,WA5IHL-11*:@041339z3240.68N/08506.93W_225/000g0
00t083r000p000....dUII

```
KL7Q>APR817,N4TKT-2,KD4AXP-3,WA5IHL-11*:@041339z3240.68N/08506.93W_225/000g0
00t084r000p000....dUII
1056 miles

KD4AXP-8>SQQY2X,WA5IHL-11*,WIDE3:'qMnl#Vj/]"5>}
1041 miles

N1NFC>BEACON,WA5IHL-11*,WIDE4-2:=3047.53N/08140.70W-PHG4160/WinAPRS TCP/IP
off-line -GACAMKINGSLAN-221-<520>
1287 miles

KD4YDC>APW233,WA5IHL-11*,WIDE3-1:=3324.70N/08426.06WyPHG2196/Robert in
Fayetteville,GA -233-<530>
1091 miles

WB4MIO>S1UR3Y,WA5IHL-11*,WIDE3-2:`q`:l -/>TH-D7A HT
1063 miles

WD4ROJ>APRS,WA5IHL-11*,WIDE3-2:!3129.23N/08558.11W#PHG5263/WIDE/N4RYC@WD4ROJ
.AMPR.ORG
1031 miles

W4AP-8>APRS,WA5IHL-11*,WIDE5-3:!3219.46N/08616.46W#PHG7454/A=000280
Montgomery AL MARC DIGI
993 miles

      In addition, I have the following packets with no positions:

KE4KWE>APRX46,WA5IHL-11*,WIDE4-2:>062309zke4kwe@mindspring.com
(Smiths, Alabama)

N7HPR>APW245,WA5IHL-11*,WIDE4-2:_08040100c209s000g000t079r000p000P000h00b101
97wU2K
(Kingsland, Georgia) (Isn't there a submarine base there?)

N4TKT-2>GPS,WA5IHL-11*,WIDE3-1:#E008800CD00CD
(Phenix city, Alabama)

K4OZK>APW247,WD4ROJ,WA5IHL-11*,WIDE3-2:_08041031c294s004g004t076r000p004P000
h93b10104wDAV
(Ozark, Alabama)

      Have to cut this short -- I can't keep up with them!

      7 3
      Earl


Earl Needham, KD5XB    mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico         DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun,  breathe is a verb (When you take a breath,
you breathe...)


---
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```

14. [propnet] Re: ANOTHER ONE!

```
From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 07:40:26 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100646-2000.08.04-16.25.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:15 AM 8/4/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
>Earl Needham wrote:
> >       Must be E skip or something.
> > KE4KUR-3>APRS,N1NFC-1,WA5IHL-11*,WIDE:!3259.63NN08016.20W#PHG6550  WIDEN-N
> > SUMMERVILLE, SC
>
>Earl,
>Thanks for posting this type of message to the remailer.
>Though not all posts get personal responses, such
>observations are used by me and others to help to understand
>the type of propagation that we are likely to observe.  That
```

>helps in helping to form the kind of network we need to
>establish to plot the anamolies in greater detail.

      Ev, they'll always get posted here, because I know people want to see
them. I'm sure the same is true of reports from other areas.

      They'll probably NEVER be posted to APRSSIG (at least by me) since I
had so many complaints and people trying to tell me they came through
GATEs, etc, when they quite obviously DON'T.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] Re: Grid Locator [was: Meteor Scatter set-up]

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 07:58:42 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100647-2000.08.04-16.25.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:02 AM 8/4/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
> > 17:52:33T KD5XB-6>CQ53,HOP1-1 <UI C Len=4>:DM84
>
>A-ha! Something that I've forgotten to document as
>important! There are differences between how APRSdos and
>UI-View decode gridsquare locators. There is only one
>common format...6-characters between "[ ]"'s. To be sure
>that UI-View users and APRSdos users will be able to decode
>each others transmissions, we will all need to use that
>format.

      I missed the brackets when I first read your message. When I changed
the beacon form DM84 to DM84jk, my icon changed from a house to a little
red square. When I added the brackets, the icon stayed the little red square.

      Is this what we should have been expecting?

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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16. [propnet] Re: Shortened Transmit [was: Meteor Scatter set-up]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 04 Aug 2000 19:27:35 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100668-2000.08.04-18.58.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >So...as a point of clarification, are you timing the
> >computer-to-TNC dump-time (quite short if you are
> >communicating at 4800 or 9600 baud) or the
> >TNC-keying-the-transmitter time (probably the full 15
> >seconds at 1200 baud)?
>

> I'm watching the little red "TX" light on the transceiver...

Then the next thing I'd try would be to find out if it's a TNC buffer size
issue. Try changing to a TX period of only 5 seconds and see if it TX's for
the full 5. Then go to 10, etc. Now you've got my curiosity up.
Ev

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Re: Grid Locator [was: Meteor Scatter set-up]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 04 Aug 2000 19:29:01 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100669-2000.08.04-18.58.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I missed the brackets when I first read your message. When I changed
> the beacon form DM84 to DM84jk, my icon changed from a house to a little
> red square. When I added the brackets, the icon stayed the little red square.
>
> Is this what we should have been expecting?

Yes, a square, divided into 9-subsquares. Roger's iconic interpretation of how a
grid-square icon ought to display. (and not a bad one, at that). :o)
Ev

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Perseids Article on eHam.net

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 04 Aug 2000 19:47:08 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100670-2000.08.04-18.59.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check it out! :o) Maybe we'll get a few more participants for our
mid-summer event!

http://www.eham.net

Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Re: Shortened Transmit [was: Meteor Scatter set-up]

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 18:03:28 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100675-2000.08.04-19.55.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:27 PM 8/4/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
> > I'm watching the little red "TX" light on the transceiver...
>
>Then the next thing I'd try would be to find out if it's a TNC buffer size
>issue. Try changing to a TX period of only 5 seconds and see if it TX's for
>the full 5. Then go to 10, etc. Now you've got my curiosity up.
>Ev

I suspect it just might be the TNC buffer size. I occasionally get
truncated packets, like the following:

KD5XB-6>CQ53,HOP1-1:[DM84JK

or even

KD5XB-6>CQ53,HOP1-1:[

CAN YOU CONFIRM THE NON-PLOTS in WinAPRS? Or am I nuts?

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

20. [propnet] Re: 6 meter Dx

From: James Smith <k9apr@tawg.org>
Date: Fri, 04 Aug 2000 21:31:13 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100698-2000.08.04-21.41.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

Just got off of 6 meters at 9:25 p.m. CDT.

Talked to W7FQ in OLYMPIA,Wa in CN07 Grid I'm located in EM79. Talked to
several stations in North Dakota Grid EN06 & 07. And 1 station in Mn
EN37.

No recordable APRS activity on 53.350mhz during this opening.

73, James, K9APR
Tri-State APRS Working Group / Chairman
http://www.tawg.org

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

21. [propnet] Re: Shortened Transmit [was: Meteor Scatter set-up]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 04 Aug 2000 22:39:12 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100699-2000.08.04-21.46.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I suspect it just might be the TNC buffer size. I occasionally get
> truncated packets, like the following:
>
> KD5XB-6>CQ53,HOP1-1:[DM84JK
> or even
> KD5XB-6>CQ53,HOP1-1:[
>
> CAN YOU CONFIRM THE NON-PLOTS in WinAPRS? Or am I nuts?

Yes, but not until I return home on Saturday. Thanks for
the "heads-up". I'll use UI-View to launch packets on RF
and "listen" on WinAPRS on the internet.

I suppose the "simple" solution is simply to tell people to
not use WinAPRS, but I'm sure that there will be folks out
there still clinging to last year's instructions. Nuts!

Again, thanks for the insight.

Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

22. [propnet] Re: 6 meter Dx

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 04 Aug 2000 22:50:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100700-2000.08.04-21.53.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James Smith wrote:
>
> Hello,
> Just got off of 6 meters at 9:25 p.m. CDT.
>
> Talked to W7FQ in OLYMPIA,Wa in CN07 Grid I'm located in EM79. Talked to
> several stations in North Dakota Grid EN06 & 07. And 1 station in Mn
> EN37.
>
> No recordable APRS activity on 53.350mhz during this opening.

Hi Jim,
Here's hoping the frequency you noted was a typo. :o) It
ought to be 53.53 MHz. As far as I know...at this point the
areas of the country that sport full activity (at least one
HUB or a known 24/7 user) is Western New York, New York
City, New Jersy and Northeast New Mexico.

Is there any other activity anywhere else, listserv
members? My gut tells me that we're no where close to
having a "critical mass" of users yet.

Ev, W2EV

ps-ditto here, by the way...lots of SSB stuff but no packets
heard yet...again probably for the same reason...there just
isn't enough activity yet. I'm sure it wasn't an MUF thing,
as folks in NY have worked Iowa on 2-meters tonight, too.

We've gotta find more folks willing to put up hubs.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

23. [propnet] POSITION PROBLEM!!!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 11:51:09 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100722-2000.08.04-23.55.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just hooked my 2-meter TNC to my scanner output so I could check
out my 6-meter station.

      Guess what?

      IT DOESN'T PLOT IN WINAPRS 2.4.7!!!

      Here are the packets I received, NONE of them plot:

KD5XB-6>CQ53,HOP1-1:=3425.85N/10313.55W-
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]

KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:[DM84jk]
KD5XB-6>CQ53,HOP1-1:
KD5XB-6>CQ53,HOP1-1:=3425.85N/10313.55W-

Have I got something misconfigured? Or is this a bug we need to fix,
FAST?

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

24. [propnet] Re: More this morning!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 11:56:09 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100723-2000.08.04-23.55.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:30 AM 8/4/00 -0600, Earl Needham blasted the following out into the
ether:

> Got the following this morning, on 144.39. AND THEY'RE STILL COMING IN!

I should have know not to say that -- as soon as I did, they quit
coming in...

Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

25. [propnet] Position problems, part 2

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 12:04:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100724-2000.08.04-23.55.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The following packet plots just fine, in WinAPRS 2.4.7:

KD5XB-6>APRS,HOP1-1:=3425.85N/10313.55W-

Note the UNPROTO-TO address has changed from CQ53 to APRS.

This may need a FAST fix.

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

26. [propnet] Re: Meteor Scatter set-up

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 04 Aug 2000 12:13:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100725-2000.08.04-23.56.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:12 AM 8/4/00 +0100, Roger Barker blasted the following out into the
ether:
><SNIP>
> >>As an example - sending your locator like e.g. "[IO92XX]", without any
> >>digis, should result in 78 frames.

      Using my scanner hook-up, I just checked this out. Although I'm
getting 71 packets TO the TNC, only 32 are being transmitted.

      So -- where do I start to fix this?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

27. [propnet] Re: UI-View Configuration Options

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 05 Aug 2000 17:36:31 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@greeceny.com
Message-ID: <LYR1548-100905-2000.08.05-18.45.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:03 AM 7/12/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
> > What about PASSALL? I remember I used that command last year, and
> > got a partial packet.
>
>Yes, PASSALL ought to be invoked, too.

      OK, here's a good one that just hit me --

      How do you turn PASSALL on with a KISS-TNC?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

28. [propnet] Re: Anderson Power poles

From: James Smith <k9apr@tawg.org>
Date: Sat, 05 Aug 2000 20:57:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100928-2000.08.05-21.09.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Earl,

Check out http://www.andersonpower.com/Main.html for information on
Anderson Powerpoles and more.

73, James, K9APR
Tri-State APRS Working Group / Chairman
http://www.tawg.org

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

29. [propnet] Re: 6 meter Dx

From: James Smith <k9apr@tawg.org>
Date: Sat, 05 Aug 2000 21:01:03 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100929-2000.08.05-21.13.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Ev,

This was clearly a typo on my part, it was 53.53 mhz.. Their is talk of
building a 6 meter digipeater network, will keep the group informed if this
comes to pass.

73, James, K9APR
Tri-State APRS Working Group / Chairman
http://www.tawg.org

"Ev Tupis (W2EV)" wrote:

> Hi Jim,
> Here's hoping the frequency you noted was a typo. :o) It
> ought to be 53.53 MHz. As far as I know...at this point the
> areas of the country that sport full activity (at least one
> HUB or a known 24/7 user) is Western New York, New York
> City, New Jersy and Northeast New Mexico.
>
> Is there any other activity anywhere else, listserv
> members? My gut tells me that we're no where close to
> having a "critical mass" of users yet.
>
> Ev, W2EV
>
> ps-ditto here, by the way...lots of SSB stuff but no packets
> heard yet...again probably for the same reason...there just
> isn't enough activity yet. I'm sure it wasn't an MUF thing,
> as folks in NY have worked Iowa on 2-meters tonight, too.
>
> We've gotta find more folks willing to put up hubs.
>
> ---
> You are currently subscribed to propnet as: k9apr@tawg.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

30. [propnet] Re: 6 meter Dx

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 05 Aug 2000 23:16:26 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100939-2000.08.05-22.29.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Their is talk of
> building a 6 meter digipeater network, will keep the group informed if this
> comes to pass.
>
> 73, James, K9APR

That would be great news, James! Again, my assumption is
that you are talking about PropNET/BEACONet hubs (on 53.53)
or are you refering to APRS service digi's (50.62 or ?)?
Either way, it's good to know that folks are thinking about
6-meters for data services.
Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

31. [propnet] Re: UI-View Configuration Options

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 05 Aug 2000 17:51:41 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-100965-2000.08.06-00.43.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:36 PM 8/5/00 -0600, Earl Needham blasted the following out into the
ether:
      OK, here's a good one that just hit me --

>   How do you turn PASSALL on with a KISS-TNC?

      Oops, I see I asked that back in December and got a pretty good
answer -- you don't need to!

      BUT, if you're using an older TNC-2 clone, you should turn FULLDUP on
before entering KISS-mode.

      Further info on request,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

32. [propnet] Using a D-7A

From: "Steve Adams" <adamss@datasys.net>
Date: Sun, 6 Aug 2000 13:30:8
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101019-2000.08.06-13.35.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm new to PropNet and trying meteor scatter. I'm planning on using
Kenwood's D-7A feeding into a 500 watt Power amp and a 13 element boomer
antenna (vertically polarized)about 10 feet off the ground. Do you think
this will work and be compatible with what everyone else will be using? Any
recomendations?

Also, I won't receive capability due to the power amp. If anyone hears me,
I'm hoping to hear about it on here.

Steve Adams
KF4NAT
Valdosta GA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

33. [propnet] Re: Anderson Power poles

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 06 Aug 2000 14:23:11 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101020-2000.08.06-13.52.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

James S. wrote:

>Check out http://www.andersonpower.com/Main.html for info ...

     To buy them, see http://www.powerwerx.com . Good prices, fast ser-
vice and run by an APRS'er to boot.   73
+--+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03
+--+

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

34. [propnet] Re: Using a D-7A

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 06 Aug 2000 20:40:36 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101074-2000.08.06-19.47.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve Adams wrote:

> I'm new to PropNet and trying meteor scatter. I'm planning on using
> Kenwood's D-7A feeding into a 500 watt Power amp and a 13 element boomer
> antenna (vertically polarized)about 10 feet off the ground. Do you think
> this will work and be compatible with what everyone else will be using? Any
> recomendations?

WOW. Yes. You are all set to be heard...very well. :o) Stay tuned I'll be
floating one more note to the remailer, asking for a "who's participating?"
list so you will know where to point that beam (no sense pointing it in a
direction where no one lives, huh?).

Steve, you are considered a PropNET/BEACONet big gun. :o) Welcome aboard.
Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

35. [propnet] UI-View on Floppy

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 06 Aug 2000 21:22:16 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101082-2000.08.06-20.28.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone,
I've received no fewer than a half-dozen requests for instructions on
putting UI-View on Floppy disk for easier installation on computers that
aren't connected to the internet. Take a look at the "Fast Links"
hyperlink on http://go.to/BEACONet for a text file that the UI-View
author, Roger Barker recently floated to the UI-View remailer.

To the first person to actually do this: please drop me a note and make
arrangements to send me the two disk images, please. I'd like to post
them for direct download, but don't have the time to do it myself right
now. My "Leonids Twins" are keeping me pretty busy these days. :o)
They're just about crawling now, and I'm frantically child-proofing the
house. <grin>

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

36. [propnet] Re: Using a D-7A

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 06 Aug 2000 19:39:07 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101083-2000.08.06-20.48.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:30 PM 8/6/00 +0000, Steve Adams blasted the following out into the ether:
>I'm new to PropNet and trying meteor scatter. I'm planning on using
>Kenwood's D-7A feeding into a 500 watt Power amp and a 13 element boomer
>antenna (vertically polarized)about 10 feet off the ground. Do you think
>this will work and be compatible with what everyone else will be using? Any
>recomendations?

Steve, it sounds like it might do pretty well. Your suggested beam
heading is 268 degrees. That'll point right at me...

Sorry everybody else <G>
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

37. [propnet] [Fwd: "KH6BZF REPORTS"--Perseid Meteor Shower PEAK]

From: "Tupis, Ev" <evman@ix.netcom.com>
Date: Sun, 06 Aug 2000 21:51:56 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101085-2000.08.06-20.58.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Empty message body]

38. [propnet] Re: UI-View on Floppy

From: Roger Barker <roger@peaksys.co.uk>
Date: Mon, 7 Aug 2000 13:45:49 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101165-2000.08.07-07.52.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-101082-2000.08.06-20.28.41--roger#peaksys.co.uk@lis
ts.tapr.org>, Ev Tupis (W2EV) <propnet@greeceny.com> writes
>Hello everyone,
>I've received no fewer than a half-dozen requests for instructions on
>putting UI-View on Floppy disk for easier installation on computers that
>aren't connected to the internet. Take a look at the "Fast Links"
>hyperlink on http://go.to/BEACONet for a text file that the UI-View
>author, Roger Barker recently floated to the UI-View remailer.

The floppy disk images for UI-View V2.24 are now available at -

http://www.peaksys.freeserve.co.uk/ui224flp/ui224_1.exe
http://www.peaksys.freeserve.co.uk/ui224flp/ui224_2.exe

They're self-extracting archives.

When you've downloaded them, put an empty floppy in drive A: (disk 1)
and run ui224_1.exe. it will automatically extract to the floppy. Put
another empty floppy in drive A: (disk 2) and run ui224_2.exe. You now
have a two floppy disk installation set for installing UI-View V2.24. To
install it, run SETUP.EXE on disk 1.

--

Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

39. [propnet] Re: Using a D-7A

From: "Steve Adams" <adamss@datasys.net>
Date: Mon, 7 Aug 2000 20:6:2
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101354-2000.08.07-20.11.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the input. It felt good getting good comments from some long
time APRSers like Earl and EV! I just got the antenna up tonight and will
have to do some tweaking tomorrow tonight and then I will be on the air. I
will be starting with the antenna aimed at 270 degrees so keep the ears
open Earl.

Thanks,
KF4NAT
Steve Adams
Valdosta GA

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

40. [propnet] Re: Using a D-7A

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 07 Aug 2000 19:42:18 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101361-2000.08.07-20.50.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:06 PM 8/7/00 +0000, Steve Adams blasted the following out into the ether:
>Thanks for the input. It felt good getting good comments from some long
>time APRSers like Earl and EV! I just got the antenna up tonight and will
>have to do some tweaking tomorrow tonight and then I will be on the air. I
>will be starting with the antenna aimed at 270 degrees so keep the ears
>open Earl.

      I have to go to Amarillo tomorrow, so when I get back, I'll take the
GPS out of the car and put it inside to keep the computer clock running
accurately. I expect to be on six meters starting tomorrow night around
midnight, my time.

      By the way, is that a Dan Mobley amp? Sounds like something he might
try!

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

41. [propnet] Re: Using a D-7A

From: "Steve Adams" <adamss@datasys.net>
Date: Mon, 7 Aug 2000 21:55:22 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101365-2000.08.07-21.25.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I work with Dan Mobley but I wouldn't use any of his stuff! Besides I think
he sold everything a few years back and now he only has a mobile rig.

The amp I have is made by Milcom. It was used by a paging company that our company (Arch Paging) recently bought. Arch decided the amp and transmitter were not "type accepted" by the FCC so it had to disappear. My boss decided I could put it to good use as a ham.

I had another ham friend, Dan Muntz, move to Tennessee last week and he gave me his Boomer antenna for helping him.

So, with all these pieces appearing last week, I decided it was destiny for me to get involved with the Perseid Meteors. I don't have an antenna for 6 meters. Maybe I can try to get something yet this week.

Steve Adams

----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Monday, August 07, 2000 9:42 PM
Subject: [propnet] Re: Using a D-7A

> At 08:06 PM 8/7/00 +0000, Steve Adams blasted the following out into the ether:
> >Thanks for the input. It felt good getting good comments from some long
> >time APRSers like Earl and EV! I just got the antenna up tonight and will
> >have to do some tweaking tomorrow tonight and then I will be on the air. I
> >will be starting with the antenna aimed at 270 degrees so keep the ears
> >open Earl.
>
>   I have to go to Amarillo tomorrow, so when I get back, I'll take the
> GPS out of the car and put it inside to keep the computer clock running
> accurately. I expect to be on six meters starting tomorrow night around
> midnight, my time.
>
>   By the way, is that a Dan Mobley amp? Sounds like something he might
> try!
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: adamss@datasys.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

42. [propnet] 220 opening?

From: David A Aitcheson - KB3EFS <cdjintl@clark.net>
Date: Tue, 08 Aug 2000 00:02:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101376-2000.08.07-23.08.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am hearing more than the normal number of machines on 222 - 225
tonight. Anyone else noticing it?

--

David A. Aitcheson - KB3EFS

I am not renewing the contract with my ISP (Verio/Borg) clark-net.

Unless something changes my Email and WWW access is ending on or
just before 15 Sept 2000.

Email: KB3EFS@ARRL.NET or: CDJINTL@CLARK.NET <== Disappearing soon!

Radio: 147.225+ 147.540   224.560- 224.760- 443.650+ 444.250+

Grid: FM19MB Lat: 39N 02' 34.08" Lon: 76W 56' 22.20"

  Web: http://www.clark.net/pub/cdjintl/   <== Disappearing soon!
AOLim: cdjintl3   <== Disappearing soon!
  ICQ: 34592569   <== Disappearing soon!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

43. [propnet] Re: UI-View on Floppy

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 08 Aug 2000 06:36:13 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101429-2000.08.08-05.59.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The floppy disk images for UI-View V2.24 are now available at -
>
> http://www.peaksys.freeserve.co.uk/ui224flp/ui224_1.exe
> http://www.peaksys.freeserve.co.uk/ui224flp/ui224_2.exe
>
> They're self-extracting archives.
>
> When you've downloaded them, put an empty floppy in drive A: (disk 1)
> and run ui224_1.exe. it will automatically extract to the floppy. Put
> another empty floppy in drive A: (disk 2) and run ui224_2.exe. You now
> have a two floppy disk installation set for installing UI-View V2.24. To
> install it, run SETUP.EXE on disk 1.

Folks,
I've got to take a moment's pause to thank Roger once again,
in a very public way. His service to the packet community
is well documented, but the fact that he is so willing to
support the BEACONet/PropNET community with such timely
service (in addition to all that he does otherwise) is
deeply appreciated.

Long live UI-View. :o)

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

44. [propnet] Meteor rate data

From: Mel Roberts <w3mr@erols.com>
Date: Tue, 08 Aug 2000 20:31:27 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101535-2000.08.08-19.40.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI...
A new service of the spaceweather.com site is a meteor rate count of both
visual and radio observations.

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

45. [propnet] Fwd: AstroAlert: The Perseids Contend With A Bright Moon This Weekend

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 08 Aug 2000 22:35:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101574-2000.08.08-23.42.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Date: Tue, 08 Aug 2000 16:19:36 -0700
>From: Robert Lunsford <lunro.imo.usa@home.com>
>Organization: ALPOMS, AMS, & IMO
>X-Mailer: Mozilla 4.61 [en]C-AtHome0407 (Win98; U)
>X-Accept-Language: en
>To: Meteor Alert <meteor@skypub.com>
>Subject: AstroAlert: The Perseids Contend With A Bright Moon This Weekend
>Sender: owner-meteor@skypub.com
>
>The annual Perseid meteor shower will reach maximum activity Saturday
>morning August 12. Unfortunately the waxing gibbous moon will not set
>until an hour or two before dawn. This will only allow a small window of
>opportunity to view the display at its best.
>
>The circumstances will favor those living in the northern latitudes.
> From the equatorial regions southward the moon will be higher in the sky
>plus the Perseid radiant will not rise very high into their northern
>sky. The further north one is located the moon will set earlier and the
>radiant will be located higher in the sky. Unfortunately the further
>north one is located the earlier the sun rises. For this reason the
>north tropical will probably be the best location for this years
>display.
>
>The Perseid radiant, the area of the sky where the Perseid meteors
>appear from, is located in extreme northwestern Perseus near the famous
>"Double Cluster". These star clusters are visible to the naked eye under
>ideal conditions as a faint fuzzy patch located between the bright
>constellations of Cassiopeia and Perseus. This area of the sky lies
>close to the northern horizon at dusk and slowly rises high into the
>northeastern sky as the night progresses. At dawn it is located high in
>the northern sky.
>
>On the morning of the 12th many Perseid meteors will be obscured by the
>bright moon until late in the morning after moonset. Once the moon has
>set one can expect to see between 25 and 50 Perseid meteors per hour,
>depending on the level of local light pollution.
>
>Perseid meteors can be seen in any portion of the sky. The best rates
>will occur when one faces toward the northeast quadrant of the sky,
>especially if the moon is still present.
>
>Sky & Telescope and the International Meteor Organization are interested
>in your Perseid counts. The basic information needed is your location,
>the time you watched, the number of Perseids seen, the number of other
>meteors seen, and the sky conditions (clouds, limiting magnitude). You
>may also try to estimate the brightness of each meteor by comparing it
>to stars of a known magnitude. Reports can be sent to me at:
>lunro.imo.usa@home.com and to Sky & Telescope at: observers@skypub.com
>
>For more information on observing meteors visit the Sky & Telescope Web
>Pages at: http://www.skypub.com/sights/meteors/meteorwatch.html
>
>A weekly preview of meteor activity is also published each Thursday at:
>http://www.amsmeteors.org/lunsford/
>
>Clear Skies!
>
>Robert Lunsford
>Secretary General of the International Meteor Organization
>Visual Meteor Program Coordinator of the American Meteor Society

---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

46. [propnet] Re: Meteor rate data

From: W6ABC <friday2k@pacbell.net>
Date: Wed, 09 Aug 2000 00:40:27 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101608-2000.08.09-02.49.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
I think I remember someone saying that his "house" icon changed to a
gray box of squares at some point. If I am correct in my memory what
was done about it, and why did it happen?
I am hearing stations in the San Francisco Area sending bursts but I
am not getting any map confirmations. The signal strength of at least

one of the signals I heard was enough to get something on the map I am
sure.
Any ideas,
73,
Jack W6ABC

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47. [propnet] Re: Shortened Transmit [was: Meteor Scatter set-up]

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 09 Aug 2000 00:42:27 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101610-2000.08.09-03.36.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:27 PM 8/4/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>Then the next thing I'd try would be to find out if it's a TNC buffer size
>issue. Try changing to a TX period of only 5 seconds and see if it TX's for
>the full 5. Then go to 10, etc. Now you've got my curiosity up.
>Ev

      Finally got around to trying this out. Five seconds is about
perfect, but a setting of 10 seconds only yields 8 seconds' transmit time.

      That's in KISS mode. Switching to "normal" mode, a setting of 5
seconds actually yields 15 seconds of on & off transmit. Changing MAXFrame
from 4 to 7 improved it slightly, but it still is "on & off" transmitting,
just not so much. And the time changed to 6 seconds.

      Changing back to KISS, after changing the MAXFrame, the transmit time
is now 5 seconds with a setting of 5. A setting of 10 still yields about 8
seconds transmit time. A setting of 15 gives the same results.

      What should I try next? This is confusing...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

48. [propnet] Re: Shortened Transmit [was: Meteor Scatter set-up]

From: Roger Barker <roger@peaksys.co.uk>
Date: Wed, 9 Aug 2000 12:08:22 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101614-2000.08.09-06.14.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-101610-2000.08.09-03.36.16--roger#peaksys.co.uk@lis
ts.tapr.org>, Earl Needham <KD5XB@AMSAT.ORG> writes
>At 07:27 PM 8/4/00 -0400, Ev Tupis (W2EV) blasted the following out into
>the ether:
>><snip>
>>Then the next thing I'd try would be to find out if it's a TNC buffer size
>>issue. Try changing to a TX period of only 5 seconds and see if it TX's for
>>the full 5. Then go to 10, etc. Now you've got my curiosity up.
>>Ev
>
>   Finally got around to trying this out. Five seconds is about
>perfect, but a setting of 10 seconds only yields 8 seconds' transmit time.
>
>   That's in KISS mode. Switching to "normal" mode, a setting of 5
>seconds actually yields 15 seconds of on & off transmit. Changing MAXFrame

>from 4 to 7 improved it slightly, but it still is "on & off" transmitting,
>just not so much. And the time changed to 6 seconds.

MAXFRAME is only relevant in connected mode.

>   Changing back to KISS, after changing the MAXFrame, the transmit time
>is now 5 seconds with a setting of 5. A setting of 10 still yields about 8
>seconds transmit time. A setting of 15 gives the same results.
>
>   What should I try next? This is confusing...

What sort of TNC are you using?

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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49. [propnet] Signals, but no Icon?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 09 Aug 2000 07:04:26 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101615-2000.08.09-06.19.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I think I remember someone saying that his "house" icon changed to a
> gray box of squares at some point. If I am correct in my memory what
> was done about it, and why did it happen?
> I am hearing stations in the San Francisco Area sending bursts but I
> am not getting any map confirmations. The signal strength of at least
> one of the signals I heard was enough to get something on the map I am
> sure.

Jack,
The easiest thing to do is to open a "Terminal" window and
visually observe what is being decoded by your TNC.

If you notice your transceiver's S-meter is pop-ing up, but
nothing is being decoded in the terminal-window, then there
is a problem between transceiver and TNC (volume setting or
broken wire, etc?).

If, though, you see packets being decoded in your terminal
window, then you should take a look at how they are
formatted. It's possible that the station that is
transmitting is doing so with ill-formatted (for BEACONet,
anyway) frames. In order to be decoded by UI-View and
APRSdos, they need to be formatted like this (as a minimum):

CALLSIGN>CQ##:[GR##ID]
example: W2AAA>CQ147:[FN03XD]
         W2BBB>CQ53:[FN03XD]

Any departure from that format ought to be suspect (such as
use of only 4-characters in the grid locator, or lack of
brackets around the grid, etc.).

Take a look in the terminal window and tell us what you
see. We'll lend a hand...count on it. :o)

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

50. [propnet] What quadrant am I in?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 09 Aug 2000 07:10:08 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101616-2000.08.09-06.19.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From WB4APR's "meteor.txt" documentation:

When referring to the quarter-minute that each area is
assigned to transmit:

"... the Northeast transmit from 00 to 15, then the
Southeast to 30, then the Southwest to 45 and then the
Northwest to 00. The dividing lines are 39 degrees latitude
and 96 degrees longitude. Most Meteor showers only peak for
a few days, so, although this mode will generate a LOT of
local QRM, it wont last long!"

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

51. [propnet] Who's actually on?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 09 Aug 2000 07:14:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101617-2000.08.09-06.19.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My fears are that there's a LOT of summer-fun momentum to
overcome (those honey-do lists and soccer games are
important). Even so, it's time to be heard. I will gather
the data and post a map on the BEACONet website
(http://go.to/BEACONet). Power-up...they're falling! :o)

Who is actually participating for Perseids '00?

Callsign, State
Band, RF Output, Antenna Elements

W2EV, NY
2-meters, 350, 4
6-meters, 100, 1

Regards,
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

52. [propnet] Re: Meteor rate data

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 09 Aug 2000 03:57:48 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101621-2000.08.09-06.54.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:40 AM 8/9/00 -0700, W6ABC blasted the following out into the ether:
>Hi,
>I think I remember someone saying that his "house" icon changed to a
>gray box of squares at some point. If I am correct in my memory what
>was done about it, and why did it happen?

      That was me, and it happened because I was using a grid square
position. It was in UI-View.

>I am hearing stations in the San Francisco Area sending bursts but I
>am not getting any map confirmations. The signal strength of at least
>one of the signals I heard was enough to get something on the map I am
>sure.
>Any ideas,
>73,
>Jack W6ABC

      You might want to look at the packets with a standard terminal
program and see if they make sense.

      7 3

Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

53. [propnet] Re: Who's actually on?

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Wed, 9 Aug 2000 09:12:50 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101653-2000.08.09-08.18.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Ev Tupis (W2EV) <propnet@greeceny.com>
>
> Who is actually participating for Perseids '00?
> ---------------------------------

Callsign, State
 Band, RF Output, Antenna Elements

 KG4EYO, GA
 2-meters, 50, 13
 6-meters, 10, 5
----

the 2m beam is directed toward NY,
    will add a 300 watt amp next month.

the 6m beam is directed toward NM,
    will add an 150watt amp next week.

Wm Seffens

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

54. [propnet] Re: Who's actually on?

From: W6ABC <friday2k@pacbell.net>
Date: Wed, 09 Aug 2000 08:05:09 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101667-2000.08.09-10.12.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,
The only signal that I am receiving here in the Bay Area (I am in
CM87) I think has a formatting error. What I copy is:
07:54:34R X-13>47-11 Port=1 <DISC C>
This is what I get in terminal mode screen.
I wish I could let this guy know about the error, if indeed it is an
error on his part.
So, I guess if there is a station near Oakland that is beaconing and
is here on the list, please check your formatting.
If I am incorrect, I will stand corrected.
Also if I can confirm what quadrant CM87/Oakland,CA is in, I'd
appreciate it.
I think I'm in the SW quad, but not sure.
73,
Jack W6ABC
P.S. The simplex users of 147.585 are sure up in arms about the
packet bursts. I spoke with a couple of them this morning and tried
to explain what the noise was about and invited them to join in, but

to put it mildly, they were not amused.
I plan to operate only between midnight and 6AM as to avoid
difficulties.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

55. [propnet] Re: Who's actually on?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 09 Aug 2000 07:26:49 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101668-2000.08.09-10.19.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:14 AM 8/9/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>Who is actually participating for Perseids '00?
>---------------------------------
>Callsign, State
>Band, RF Output, Antenna Elements
>
>W2EV, NY
>2-meters, 350, 4
>6-meters, 100, 1

KD5XB-6, NM
6-METERS, 120 WATTS, 1 (VERTICAL)

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

56. [propnet] Re: Who's actually on?

From: W6ABC <friday2k@pacbell.net>
Date: Wed, 09 Aug 2000 08:47:12 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101678-2000.08.09-11.07.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W6ABC, (Oakland) CA [CM87VT]
2 Meters, 160W, 1 Vertical
Operating Midnight-6AM, as to avoid interfering with simplex FM
transmissions in this area

73,
Jack

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

57. [propnet] Re: Who's actually on?

From: "Loren James" <lawdog@eznet.net>
Date: Wed, 9 Aug 2000 12:20:14 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101679-2000.08.09-11.26.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

N2LSJ 2m 20w vert fn12
----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Wednesday, August 09, 2000 9:26 AM
Subject: [propnet] Re: Who's actually on?

> At 07:14 AM 8/9/00 -0400, Ev Tupis (W2EV) blasted the following out into
> the ether:
> ><snip>
> >Who is actually participating for Perseids '00?
> >---------------------------------
> >Callsign, State
> >Band, RF Output, Antenna Elements
> >
> >W2EV, NY
> >2-meters, 350, 4
> >6-meters, 100, 1
>
>
> KD5XB-6, NM
> 6-METERS, 120 WATTS, 1 (VERTICAL)
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: lawdog@eznet.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

58. [propnet] Re: Shortened Transmit [was: Meteor Scatter set-up]

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 09 Aug 2000 10:47:05 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101743-2000.08.09-13.45.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:08 PM 8/9/00 +0100, Roger Barker blasted the following out into the
ether:
>In article <LYR18754-101610-2000.08.09-03.36.16--roger#peaksys.co.uk@lis
>ts.tapr.org>, Earl Needham <KD5XB@AMSAT.ORG> writes
><snip>
> >   That's in KISS mode. Switching to "normal" mode, a setting of 5
> >seconds actually yields 15 seconds of on & off transmit. Changing MAXFrame
> >from 4 to 7 improved it slightly, but it still is "on & off" transmitting,
> >just not so much. And the time changed to 6 seconds.
>
>MAXFRAME is only relevant in connected mode.

      Maybe that's how it SHOULD work, however, see the above paragraph for
how it's actually working here.

><snip>
>What sort of TNC are you using?

      MFJ 1270B, with the original chip in it (dated 1989-ish).

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG

Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

59. [propnet] Re: Who's actually on?

From: "Steve Adams" <adamss@datasys.net>
Date: Wed, 9 Aug 2000 17:47:15 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101778-2000.08.09-16.53.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KF4NAT, GA, 2mtr, 375, 12, aimed 270 degrees.

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Wednesday, August 09, 2000 7:14 AM
Subject: [propnet] Who's actually on?

> My fears are that there's a LOT of summer-fun momentum to
> overcome (those honey-do lists and soccer games are
> important). Even so, it's time to be heard. I will gather
> the data and post a map on the BEACONet website
> (http://go.to/BEACONet). Power-up...they're falling! :o)
>
> Who is actually participating for Perseids '00?
> ---------------------------------
> Callsign, State
> Band, RF Output, Antenna Elements
>
> W2EV, NY
> 2-meters, 350, 4
> 6-meters, 100, 1
> ---------------------------------
>
> Regards,
> Ev, W2EV
>
>
> ---
> You are currently subscribed to propnet as: adamss@datasys.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

60. [propnet] Setting the computer clock

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 08 Aug 2000 23:00:36 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101781-2000.08.09-17.46.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I noticed a few weeks ago that UI-View supports setting the computer
clock from a GPS connected to a comm port. Good deal.

      However, I have run out of comm ports! I usually have a 2-meter TNC
on comm 1 and a 6-meter TNC on comm 2, leaving no place for the GPS to
connect. Currently, I have disconnected the 2-meter setup and connected my
GPS for the Perseids -- I'm running 6 meters for this meteor shower, and
need a pretty accurate clock to control when my station transmits.

      So -- is there a setting that will allow my computer's clock to be
set from, say, a GGA string or something that I receive on 2 meters? Sure
would be handy in my situation.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

61. [propnet] Re: Setting the computer clock

From: W6ABC <friday2k@pacbell.net>
Date: Wed, 09 Aug 2000 16:09:24 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101790-2000.08.09-18.36.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
Here is a great little program that will set your computer clock to
accurate wwv standards.
http://stud1.tuwien.ac.at/~e8926506/nl-win95.htm
I use it and it is right on the money. Download nistime-32bit
I think you'll like it!
73,
Jack W6ABC

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

62. [propnet] Re: Using a D-7A

From: "Steve Adams" <adamss@datasys.net>
Date: Wed, 9 Aug 2000 21:56:59 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101820-2000.08.09-21.03.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried to send this message earlier today but it never seemed to make it.

I have switched radios and I will be using my computer with UI-View. I am
set to broadcast in burst mode during the "15" period. That should take of
synching into the proper time slot!

Do we have anybody in Texas monitoring 2 meter?

Steve Adams

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63. [propnet] APRS/PROPNET notes

From: "Doug Fagan" <yacht1@carol.net>
Date: Thu, 10 Aug 2000 00:04:48 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101837-2000.08.09-23.11.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The information I have seen on the Propnet has been very interesting and informative. As a novice
to APRS and have just downloaded the UI Viewer software I am not qualified to express any
opinions as to which is best, etc...
I would just like to pass on a few notes from my experiences with the Leonids last year.

I am running a TS-790A and 20 element circular polarized antenna with az-el rotator and
the APRS Windows software. Since last year, I have replaced the coax with hardline.
During last years Leonids there were two other stations in this area that were being
copied direct. Due to some TVI the 160 watt amplifier could not be run and I decided
to be receive only. This may of proved to be fruitful as I was able to copy W1AW
on one transmission during this shower. If I had been transmitting during this time I would
not have heard this single transmission. Don't be afraid to receive only, you might hear something.
This may be especially true unless you are running some power. It seems this meteor scatter
is a higher power mode and us little signals may be better off to see what all can be heard.
I did try the PASSALL command but soon found my screen filled with various versions of the
two local stations call signs and miscopied locations. If you do use passall, then be very
suspicious of call signs and locations heard.
Winaprs has a dropdown under LISTs for direct stations only. I understand that this
will make the screen only show non-repeated signals. If there are digi's on 147.585
or 53.53 (??) then you won't see anything from them. This has been interesting on
the 144.39 APRS freq to see what the band is doing.
Ev's article in the Sept 99 (?? correct me Ev) QST is well worth reading. Hope he has
a followup.
Looking forward to seeing some stations this weekend.
Doug, KJ4X
Pickens, SC

64. [propnet] Re: Setting the computer clock

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 09 Aug 2000 22:33:01 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101842-2000.08.09-23.45.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:09 PM 8/9/00 -0700, W6ABC blasted the following out into the ether:
>Hi Earl,
>Here is a great little program that will set your computer clock to
>accurate wwv standards.
>http://stud1.tuwien.ac.at/~e8926506/nl-win95.htm
>I use it and it is right on the money. Download nistime-32bit
>I think you'll like it!
>73,
>Jack W6ABC

      Thanks, Jack, but the REAL problem is that my computer clock is
absolutely awful in the accuracy department. It's losing three minutes
OVERNIGHT! I need something to reset the clock over, & over, & over...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

65. [propnet] Re: APRS/PROPNET notes

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 10 Aug 2000 06:50:18 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101881-2000.08.10-05.53.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doug,
It is actually very interesting to read about other folks'
experience with BEACONet/PropNET (especially those with
1,150 km reception reports like you had) <smile>.

A lot has changed in this years' experiment. Foremost is
the move to UI-View with it's Quadrant-based Meteor Mode.
We ought to see more successes using it than we did with
WinAPRS' "beacon-every-10-seconds" mode (and our T/R
switches are a lot happier, too).

On an aside, I'd been assured for several years now that
WinAPRS would have BEACONet/PropNET friendly features (only

one of which is Quadrant-based Meteor Mode). With all the
demands on the authors time for inclusion of APRS functions,
we simply kept getting moved down the priority list. Roger
willingly added the feature to UI-View, and here we are.
:o) Please don't read anger or animosity into this,
though. I understand that authoring is a labor of love. I
have a high amount of respect for the WinAPRS guys. Their
time is every bit as valuable as anyone elses.

Doug is absolutly right when he says that if you can't TX
(TVI, etc.), then RX-only is just as valuable. As a matter
of fact, I'll let folks know about a little something that's
on my plate right now. You know that we BEACONetters
classify our stations as HUB (unattended beacon/digipeater
at altitude with power) and PEER (those of us at home, with
UI-View attached, regardless of the brand of TNC may be
considered PEER-class stations btw). A new class of station
is going to put us "on the map": LURKER.

Imagine being published in a major Astronomy magazine or
two, describing our Meteor Chasing activities using Amateur
Radio, and inviting folks with scanners/receivers to join-in
on the fun in RX-only mode! What an opportunity to infuse
even more talent into our aspect of the hobby, no? That is
why it is so important for participants to list they type of
equiment (including antenna used) when they report a
reception. I'm attempting to decide what to include as
"minimum" requirements for success of LURKER-class stations.

Well, this has gone on for much longer than I intended, but
Doug's note got me in the mood to type. :o) Also,
btw...Yes, I'm working on a followup to QST on the entire
BEACONet/PropNET concept for late-spring/early summer 2001.
I intended to do another for November '00 (in time for the
Leonids again, with full recap from '99, but they had
already accepted an article on HSCW meteor work, and didn't
believe two articles on meteor scatter in the same issue
would appeal to their more general readership).

Vy 73 all,
Ev, W2EV
Beaconing *now*...300watts, 4 elements beamed down the
eastern seacoast from New York (with at least 2 other locals
on-the-air, too).

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

66. [propnet] Re: Setting the computer clock

From: "Ben Miller" <benm@uniplex.uniplex.com>
Date: Thu, 10 Aug 2000 07:34:05 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101891-2000.08.10-07.40.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Check this one out. I've used it. If you leave it running it will
continually resync your clock.

www.getware.com

Ben Miller
KC5NFU

-----Original Message-----
From: bounce-propnet-12448@lists.tapr.org
[mailto:bounce-propnet-12448@lists.tapr.org]On Behalf Of KD5XB@AMSAT.ORG
Sent: Wednesday, August 09, 2000 11:33 PM
To: propnet@lists.tapr.org
Subject: [propnet] Re: Setting the computer clock

At 04:09 PM 8/9/00 -0700, W6ABC blasted the following out into the ether:
>Hi Earl,
>Here is a great little program that will set your computer clock to
>accurate wwv standards.
>http://stud1.tuwien.ac.at/~e8926506/nl-win95.htm

>I use it and it is right on the money. Download nistime-32bit
>I think you'll like it!
>73,
>Jack W6ABC

      Thanks, Jack, but the REAL problem is that my computer clock is
absolutely awful in the accuracy department. It's losing three minutes
OVERNIGHT! I need something to reset the clock over, & over, & over...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: benm@uniplex.com
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

67. [propnet] Re: Setting the computer clock

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 10 Aug 2000 07:17:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101896-2000.08.10-08.24.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:34 AM 8/10/00 -0500, Ben Miller blasted the following out into the ether:
>Hi all,
>
>Check this one out. I've used it. If you leave it running it will
>continually resync your clock.

      But I CAN'T leave my dialup connection going all the time.

      The real problem I have here is that I'm out of comm ports. If
somebody can tell me how to add a couple of comm ports I'll be in business.

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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68. [propnet] No Burst Copied in CM96 Yet

From: "Bryan Whitcomb" <k7kx@yahoo.com>
Date: Thu, 10 Aug 2000 11:2:33
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101928-2000.08.10-11.08.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to All,

    I finally got my system running with the assistance of W6ABC. I have
ran for two night now and have yet to pick up any station. I know that
KD5XB is on from NM, but is there any one else on within 1000mi of
California. I know from experience that CO, WY, MT, UT and ID are easy to
work on 2m from California during the Perseids. Unfortunately, KD5XB and
myself are on the same sequence so we will never hear each other. Last

night I only transmitted for the first 5 seconds in hopes of hearing him.
Good luck to all and lets hope this shower is better than it was last
year.

73, Bryan
K7KX CM96bo

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

69. [propnet] Re: No Burst Copied in CM96 Yet

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 10 Aug 2000 12:09:08 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101950-2000.08.10-13.30.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:02 AM 8/10/00 +0000, Bryan Whitcomb blasted the following out into
the ether:
><snip>
>I know from experience that CO, WY, MT, UT and ID are easy to
>work on 2m from California during the Perseids. Unfortunately, KD5XB and
>myself are on the same sequence so we will never hear each other. Last
>night I only transmitted for the first 5 seconds in hopes of hearing him.

      Tell you what, Bryan -- since my setup is only transmitting for about
9 seconds instead of 15, you go ahead and take second 30-37 and I'll start
at second 38.

      Is subdividing quadrants OK?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

70. [propnet] Re: No Burst Copied in CM96 Yet

From: Bryan Whitcomb <k7kx@yahoo.com>
Date: Thu, 10 Aug 2000 12:34:30 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-101975-2000.08.10-14.40.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sounds good Earl. I will extend my transmission for
an additional 2 sec. I should have higher power
tonight (from 50W to 160W) and I will turn the beam
more towards your direction. I will begin
transmitting around 0600Z. Thanks for the response.

73, Bryan K7KX
CM96bo
--- Earl Needham <KD5XB@AMSAT.ORG> wrote:
> At 11:02 AM 8/10/00 +0000, Bryan Whitcomb blasted
> the following out into
> the ether:
> ><snip>
> >I know from experience that CO, WY, MT, UT and ID
> are easy to
> >work on 2m from California during the Perseids.
> Unfortunately, KD5XB and
> >myself are on the same sequence so we will never
> hear each other. Last
> >night I only transmitted for the first 5 seconds in
> hopes of hearing him.
>
>   Tell you what, Bryan -- since my setup is only
> transmitting for about

> 9 seconds instead of 15, you go ahead and take
> second 30-37 and I'll start
> at second 38.
>
>   Is subdividing quadrants OK?
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d
> 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb
> (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as:
> k7kx@yahoo.com
> To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
>

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

71. [propnet] Re: No Burst Copied in CM96 Yet

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 10 Aug 2000 17:20:50 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102002-2000.08.10-16.26.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Is subdividing quadrants OK?

You bet-cha, Earl. It's all experimental at this point, anyway. :o)
Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

72. [propnet] Who's on list

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 10 Aug 2000 17:27:25 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102004-2000.08.10-16.33.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's really unfortunate that the Perseids occur in the summertime.
Participation seems quite low year-after-year. I'd take it as an
indication that people just aren't interested in this stuff, except the
November Leonids have a really nice turnout. Oh well...here's the folks
that said they're on, as well as folks that have been heard by other
locals (even though they may not be subscribed to this listserv):

Announced Participants

W2EV, NY   2-meters, 350, 4 (aimed at Georgia)
           6-meters, 100, 1

KG4EYO, GA 2-meters, 50, 13
           6-meters, 10, 5

KD5XB-6,NM 6-METERS, 120 WATTS, 1 (VERTICAL)

W6ABC, CA [CM87VT]
           2 Meters, 160W, 1 Vertical

N2LSJ,NY   2m 20w vert fn12

KF4NAT,GA 2mtr, 375, 12, aimed 270 degrees.

Stations Heard by Other Locals

N2KXS NY   2-meters, ?, ?

73. [propnet] Re: Who's on list

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 10 Aug 2000 16:45:54 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102010-2000.08.10-17.52.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:27 PM 8/10/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
      It occurs to me that a bit more information might be helpful.

><snip>
>KD5XB-6,NM 6-METERS, 120 WATTS, 1 (VERTICAL)

      OK -- DM84jk
      34d 25.063m N 103d 13.562m W
      Clovis, New Mexico

      This info will give people a beam heading to me, if anyone would like
to do so. Seems to me it would be good for the list to include this info.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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74. [propnet] Re: Setting the computer clock

From: "Kevin Richman" <kevinrichman@hotmail.com>
Date: Thu, 10 Aug 2000 23:09:50 GMT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102013-2000.08.10-18.16.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl
If you need more com ports take a look at this.
http://www.specialix.com/product/io/datasheets/US_I%2008plus.pdf
It adds 8 com ports to your computer.
I found one on ebay for $34.00.
It only uses 1 IRQ
The free software will auto config all the ports

>From: Earl Needham <KD5XB@AMSAT.ORG>
>Reply-To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
>To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
>Subject: [propnet] Re: Setting the computer clock
>Date: Thu, 10 Aug 2000 07:17:30 -0600
>
>At 07:34 AM 8/10/00 -0500, Ben Miller blasted the following out into the
>ether:
>>Hi all,
>>
>>Check this one out. I've used it. If you leave it running it will
>>continually resync your clock.
>
>   But I CAN'T leave my dialup connection going all the time.
>

>   The real problem I have here is that I'm out of comm ports. If
>somebody can tell me how to add a couple of comm ports I'll be in business.
>
>   Earl
>
>
>Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
>Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>PGP Key ID 0xC3FDA66E
>
>Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
>you breathe...)
>
>
>---
>You are currently subscribed to propnet as: kevinrichman@hotmail.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

75. [propnet] Re: Who's on list

From: Bryan Whitcomb <k7kx@yahoo.com>
Date: Thu, 10 Aug 2000 16:40:55 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102016-2000.08.10-18.47.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to all,

    I will also be on 2m with 160W to a 15 element
yagi pointed E/NE. I see from the list that no one is
on 2m within 2000mi of here other than W6ABC, so I
might just receive now to keep the locals happy. Good
luck during the shower.

73, Bryan K7KX
CM96bo

2m, 15 element yagi and 160W

--- "Ev Tupis (W2EV)" <propnet@greeceny.com> wrote:
> It's really unfortunate that the Perseids occur in
> the summertime.
> Participation seems quite low year-after-year. I'd
> take it as an
> indication that people just aren't interested in
> this stuff, except the
> November Leonids have a really nice turnout. Oh
> well...here's the folks
> that said they're on, as well as folks that have
> been heard by other
> locals (even though they may not be subscribed to
> this listserv):
>
> Announced Participants
>
> W2EV, NY   2-meters, 350, 4 (aimed at Georgia)
>   6-meters, 100, 1
>
> KG4EYO, GA 2-meters, 50, 13
>   6-meters, 10, 5
>
> KD5XB-6,NM 6-METERS, 120 WATTS, 1 (VERTICAL)
>
> W6ABC, CA [CM87VT]
>   2 Meters, 160W, 1 Vertical
>
> N2LSJ,NY   2m 20w vert fn12
>
> KF4NAT,GA 2mtr, 375, 12, aimed 270 degrees.
>

> Stations Heard by Other Locals
>
> N2KXS NY   2-meters, ?, ?
>
>

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

76. [propnet] Re: Who's on list

From: "RT" <rick@iximd.com>
Date: Thu, 10 Aug 2000 21:18:51 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102032-2000.08.10-20.29.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

N3ZTZ MD   2-meters   160w   1 Vertical

77. [propnet] Re: [ui-view] Re: PC clock setting via GPS.

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 10 Aug 2000 12:23:35 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102046-2000.08.10-21.52.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:48 PM 8/10/00 +0200, Tom Hoedjes (HB9DOD) blasted the following out
into the ether:
>Hi there,
>What about an 8comport 1irq card...
>I use a byterunner ISA 8 comports and sharing 1 irq..
>it is surely not the cheapest solution but I think a really good one..
>I disabled Com 1 and Com 2 on the mainboard which releases irq 3 and 4
>Using 1 irq for 8 comports i have now plenty left for other appliances..
>If your are interested
>
>www.byterunner.com

      YES! I've been looking for a product like this for YEARS! Was
always told they didn't exist. And $20 US for 2 ports (ISA card) is a
reasonable price, too.

      Thanks, Tom,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

78. [propnet] Re: Who's on list

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 11 Aug 2000 09:20:51 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102095-2000.08.11-08.23.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   It occurs to me that a bit more information might be helpful.
> >KD5XB-6,NM 6-METERS, 120 WATTS, 1 (VERTICAL)
>
>   OK -- DM84jk
>   34d 25.063m N 103d 13.562m W
>   Clovis, New Mexico

My thoughts were to keep it simple. Given the area that the
beamwidth of a typical antenna covers by the time the wave
has travelled 1000-km, state-level resolution is probably
fine. Otherwise, folks could make personal contact to get
better alignment, if they chose to do so. Of course,
California poses a bit of an anomoly because of it's N-S
spread. :o)

Not to say your suggestion was a poor idea, Earl. I just
wanted to clarify the reason for posting as I did. -= Ev =-

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79. [propnet] Major Thunderstorm Knocks Me Off

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 11 Aug 2000 09:29:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102098-2000.08.11-08.33.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After a night of trolling for meteors, I lost power (over
and over). I have powered down and will I'll wait for the
thunderstorms to roll through before I reactivate again.
See y'all overnight tonight (Friday). Arrgghhhhh!

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

80. [propnet] Re: Who's actually on?

From: "Wayne Ackerman" <wwackerm@teleplex.net>
Date: Fri, 11 Aug 2000 11:53:46 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102126-2000.08.11-10.58.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W3GYK, NC
2 mtrs 170, 4
6 mtrs 100, 1

Wayne, Columbus, NC EM85VF

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

81. [propnet] Meteor Scatter - ON

From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Fri, 11 Aug 2000 13:26:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102150-2000.08.11-12.32.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KV4CN [FM15hn] (eastern NC) started at 1721 UTC beam hdg 270. If you see
any problems with my signal, please email.
Thanks,
Dave

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

82. [propnet] Re: Who's actually on?

From: GRaney1882@aol.com
Date: Fri, 11 Aug 2000 13:50:42 EDT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102153-2000.08.11-12.56.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KM5TY EL29GQ

2m : 25w 5el quad aimed NE

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

83. [propnet] Re: Who's on list

From: calfano <calfano@worldnet.att.net>
Date: Fri, 11 Aug 2000 19:11:22 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102211-2000.08.11-18.17.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,

        Still on down here in Nassau

                53.53 110W 6db vertical at 60'
        Gating 2 meter traffic to 6
73
Charlie
WA2GUG

"Ev Tupis (W2EV)" wrote:
>
> It's really unfortunate that the Perseids occur in the summertime.
> Participation seems quite low year-after-year. I'd take it as an
> indication that people just aren't interested in this stuff, except
> the November Leonids have a really nice turnout. Oh well...here's the
> folks that said they're on, as well as folks that have been heard by
> other locals (even though they may not be subscribed to this
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>
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>
> KG4EYO, GA 2-meters, 50, 13
>   6-meters, 10, 5
>
> KD5XB-6,NM 6-METERS, 120 WATTS, 1 (VERTICAL)
>
> W6ABC, CA [CM87VT]
>   2 Meters, 160W, 1 Vertical
>
> N2LSJ,NY   2m 20w vert fn12
>
> KF4NAT,GA 2mtr, 375, 12, aimed 270 degrees.
>
> Stations Heard by Other Locals
>
> N2KXS NY   2-meters, ?, ?
>

--
ned!
[Attachment: calfano.vcf; text/x-vcard; 184 bytes]
[Attachment: smime.p7s; application/x-pkcs7-signature; 2,782 bytes]

84. [propnet] Tonight's the night...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 11 Aug 2000 18:39:16 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102222-2000.08.11-19.47.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I believe the peak of the Perseids is expected tonight. I'm
operating on 53.530, transmitting [DM84JK] starting on second 38 and going
until second 45.

      Hope to hear somebody, hope somebody sees me!

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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85. [propnet] Fwd: AstroAlert: Middle Latitude Auroral Activity WARNING - 11-12 August

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 11 Aug 2000 21:06:54 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102245-2000.08.11-23.04.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Middle Latitude Auroral Activity WARNING - 11-12 August
>To: sun-earth@skypub.com
>Date: Fri, 11 Aug 2000 16:57:58 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   11-12 August 2000
>
>   ** Middle Latitude Auroral Activity WARNING for 11-12 August **
>
>   Auroral activity has intensified to occasional minor storm levels
>following the arrival of a solar coronal mass ejection near 18:10 UTC on
>11 August. This disturbance was preceded early in the UTC day by another
>smaller mass ejection impact that had a fairly substantial effect on high and
>upper-middle latitude auroral activity. The arrival of this second stronger
>coronal mass ejection is expected to reintensify auroral activity to storm
>levels over the next 18 to 24 hours. Observations from many middle latitude
>dark-sky sites may be possible. Unfortunately, the waxing phase of the moon
>will make observations a bit more difficult by increasing the ambient
>atmospheric light levels and drowning out the weaker auroral activity.
>
>   Observers who do not spot any activity may like to try taking
>photographs of the northern horizon night sky. Films often bring out
>details that are not visible to the human eye. Assistance on how to
>accomplish this is available on many web sites. Go to your favorite search
>engine web site and search for "aurora photography."
>
>   This disturbance is expected to last through much of 12 August and may
>provide Perseid meteor observers with a nice additional treat.
>
>   If you successfully observe auroral activity, please report your
>observations to the global Auroral Activity Observation Network using the web
>form page at: http://www.spacew.com/www/subaurora.html. Submissions are
>posted on the web at: http://www.spacew.com/www/auroras.html within about
>2 minutes for others to see and are permanently archived for future study.
>
>   Please note that a free trial of Version 2.0 of the STD Aurora Monitor
>(an immensely popular auroral activity, solar activity, weather activity and
>space environment activity observation software package for Windows based
>computers) has been released and is available at:
>http://www.spacew.com/aurora.
>
>
>** End of AstroAlert **

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

86. [propnet] Response

From: "Steve Adams" <adamss@datasys.net>
Date: Fri, 11 Aug 2000 23:45:40
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-102248-2000.08.11-23.51.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just received the following e-mail message:

I saw you on 147.585 tonight and thought I would say hello.

73
Greg
W4GHW

Greg is 75 miles north of me in Ashburn GA. Not too bad for being off the
side of my 12 element beam aimed at 280 degrees (I moved it slightly on the
off chance something might make it to California) and 15 feet in the air. I
know it's not much, but that's my first confirmed contact on PropNet!!!

KF4NAT
Steve Adams
Valdosta GA

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

87. [propnet] Re: Who's on list

From: David A Aitcheson - KB3EFS <cdjintl@clark.net>
Date: Sat, 12 Aug 2000 03:35:32 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102273-2000.08.12-02.41.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Add me as a "LURKER" !

KB3EFS in FM19MB 5/8 wave magmount on a barbique grill grate sitting
on the ground. Thats the best I can do living in an apartment.

I am hearing the sweet sounds of 'packet racket' on 147.585;
probably from 'RT' as he is close by.

Dave KB3EFS

> RT wrote:
>
> N3ZTZ MD   2-meters   160w   1 Vertical

--

David A. Aitcheson - KB3EFS

I am not renewing the contract with my ISP (Verio/Borg) clark-net.
Unless something changes my Email and WWW access is ending on or
just before 15 Sept 2000.

Email: KB3EFS@ARRL.NET or: CDJINTL@CLARK.NET <== Disappearing soon!

Radio: 147.225+ 147.540   224.560- 224.760- 443.650+ 444.250+

Grid: FM19MB Lat: 39N 02' 34.08" Lon: 76W 56' 22.20"

  Web: http://www.clark.net/pub/cdjintl/   <== Disappearing soon!
AOLim: cdjintl3   <== Disappearing soon!
  ICQ: 34592569   <== Disappearing soon!

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

88. [propnet] 512 mile success? KA2QYA, reply please.

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 12 Aug 2000 07:13:15 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102284-2000.08.12-06.19.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are you 512 miles away from me in Northern Michigan (as your icon
inferrs) or are you in Buffalo (60 miles away from me and off the side
of my beam) as the WM7D.NET database displays?

If you are in Michigan...then congrats! You're on my screen this

morning! If you are in Buffalo, then please recheck your beacon text.
You are using WinAPRS and not configured properly.

Either way, I have a single packet reception of your station overnight
(around midnight), which may infer meteor trail backscatter, even if you
end up being in Buffalo.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

89. [propnet] Ho Hum Perseids for Everyone

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 12 Aug 2000 07:25:36 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102295-2000.08.12-06.33.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For the second year in a row, it seems that the Perseids have been
lackluster at best. There are few mentions of great success, even for
the long-time ping jockies of old. :o) The following was floated to
another listserve yesterday.

Ev, W2EV

Space Weather News for August 11, 2000
http://www.spaceweather.com

On the eve of the Perseid meteor shower, sky watchers report seeing 10
to
15 meteors per hour streaming from the constellation Perseus. That's
consistent with an expected peak rate between 30 and 50 visual meteors
per
hour before dawn on August 12th. The projected maximum is somewhat
weaker
than Perseid maxima of recent years, but observers are also reporting
that
this year's Perseid meteors have been pleasantly bright. The shower
should put on a good show for northern hemisphere observers this
Saturday
morning.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

90. [propnet] Re: Ho Hum Perseids for Everyone

From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Sat, 12 Aug 2000 08:19:53 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102300-2000.08.12-07.25.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One success...
Received W2EV at 0454 EDT, 8/12
2 meters
525.8 miles at 356 degree hdg
73,
Dave, KV4CN [FM15hn]
----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, August 12, 2000 7:25 AM
Subject: [propnet] Ho Hum Perseids for Everyone

> For the second year in a row, it seems that the Perseids have been
> lackluster at best. There are few mentions of great success, even for
> the long-time ping jockies of old. :o) The following was floated to
> another listserve yesterday.

>
> Ev, W2EV
>
>
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> to
> 15 meteors per hour streaming from the constellation Perseus. That's
> consistent with an expected peak rate between 30 and 50 visual meteors
> per
> hour before dawn on August 12th. The projected maximum is somewhat
> weaker
> than Perseid maxima of recent years, but observers are also reporting
> that
> this year's Perseid meteors have been pleasantly bright. The shower
> should put on a good show for northern hemisphere observers this
> Saturday
> morning.
>
>
>
>
>
>
> ---
> You are currently subscribed to propnet as: kv4cn@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

91. [propnet] Re: Ho Hum Perseids for Everyone

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 12 Aug 2000 06:56:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102302-2000.08.12-08.03.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:25 AM 8/12/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
>For the second year in a row, it seems that the Perseids have been
>lackluster at best.

      What's the deal here? I've heard about the Perseids for YEARS and
now that I can be active for them, they run off & hide! <G>

><snip>
>Space Weather News for August 11, 2000
>http://www.spaceweather.com
>
>On the eve of the Perseid meteor shower, sky watchers report seeing 10
>to 15 meteors per hour streaming from the constellation Perseus.

      I went out last night to look, and I saw about a dozen in the hour
between 11 PM and midnight, my time. Sure wasn't what I had hoped for.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

92. [propnet] Re: Response

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Sat, 12 Aug 2000 09:31:50 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102307-2000.08.12-08.37.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

there are several georgia propnet participants as evidenced by the email
messages below submitted to the propnet listserver. there may be more that
have replied drectly to Ev.

i found 13 packets on my winAPRS screen from NE1H on 147.585 this morning.
He is using UI-view, and only 84 km away in the direction of my beam. if he
is on this list, "hi"

the computer running the 6m setup pointed toward NM was down last night. i
sure hope i can show up on Earl's screen. i'm using 150 watts now thru a 5
element beam on 53.53.

Where is Bill? map.findu.com/kg4eyo

----- Original Message -----
From: Steve Adams <adamss@datasys.net>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Friday, August 11, 2000 11:45 PM
Subject: [propnet] Response

> I just received the following e-mail message:
>
> I saw you on 147.585 tonight and thought I would say hello.
>
> 73
> Greg
> W4GHW
>
> Greg is 75 miles north of me in Ashburn GA. Not too bad for being off the
> side of my 12 element beam aimed at 280 degrees (I moved it slightly on
the
> off chance something might make it to California) and 15 feet in the air.
I
> know it's not much, but that's my first confirmed contact on PropNet!!!
>
> KF4NAT
> Steve Adams
> Valdosta GA
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

93. [propnet] W2EV packet copied

From: "Doug Fagan" <yacht1@carol.net>
Date: Sat, 12 Aug 2000 09:36:33 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102309-2000.08.12-08.42.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Copied one packet from W2EV on 147.585
at 05:23 EDT 12 Aug 00. My location is
Pickens, SC, EM84pw.
Using TS-790A and 20 ele circular polarized
beam pointing North and elevated up 20 deg.

Doug
KJ4X

94. [propnet] Re: Who's on list

From: "RT" <rick@iximd.com>
Date: Sat, 12 Aug 2000 10:04:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102311-2000.08.12-09.15.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello David,
I am curious if you are decoding anything I'm sending. You are the only one
who has admitted to hearing me. I am using the UI-view program. As of yet no
hits on receive here.

Thanks Rick N3ZTZ

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

95. [propnet] Re: 512 mile success? KA2QYA, reply please.

From: George Roberts <ehc101@yahoo.com>
Date: Sat, 12 Aug 2000 07:46:52 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102314-2000.08.12-09.53.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- "Ev Tupis (W2EV)" <propnet@greeceny.com> wrote:
> Are you 512 miles away from me in Northern Michigan
> (as your icon
> inferrs) or are you in Buffalo (60 miles away from
> me and off the side
> of my beam) as the WM7D.NET database displays?
>
> If you are in Michigan...then congrats! You're on
> my screen this
> morning! If you are in Buffalo, then please recheck
> your beacon text.
> You are using WinAPRS and not configured properly.
>
> Either way, I have a single packet reception of your
> station overnight
> (around midnight), which may infer meteor trail
> backscatter, even if you
> end up being in Buffalo.
>
> Ev, W2EV
>
>
>
> ---
> You are currently subscribed to propnet as:
> ehc101@yahoo.com
> To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
>

Dear Ev,

Sorry, I am just in Amherst north of Buffalo. It was
just not configured properly. I did hear you direct
but you did not show up on UI-View but your call show
up on Winaprs.

George, KA2QYA

_____
Do You Yahoo!?
Yahoo! Mail Free email you can access from anywhere!
http://mail.yahoo.com/

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

96. [propnet] Re: Who's on list

From: David A Aitcheson - KB3EFS <cdjintl@clark.net>
Date: Sat, 12 Aug 2000 11:54:31 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102327-2000.08.12-11.00.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rick,

I could hear what I am guessing was your signal but it was down in
the noise enough that the modem only saw noise. :<((

Dave

RT wrote:
>

> Hello David,
> I am curious if you are decoding anything I'm sending. You are the
> only one who has admitted to hearing me. I am using the UI-view
> program. As of yet no hits on receive here.
> Thanks Rick N3ZTZ
> ---
--

David A. Aitcheson - KB3EFS

I am not renewing the contract with my ISP (Verio/Borg) clark-net.
Unless something changes my Email and WWW access is ending on or
just before 15 Sept 2000.

Email: KB3EFS@ARRL.NET or: CDJINTL@CLARK.NET <== Disappearing soon!

Radio: 147.225+ 147.540   224.560- 224.760- 443.650+ 444.250+

Grid: FM19MB Lat: 39N 02' 34.08" Lon: 76W 56' 22.20"

  Web: http://www.clark.net/pub/cdjintl/   <== Disappearing soon!
AOLim: cdjintl3   <== Disappearing soon!
  ICQ: 34592569   <== Disappearing soon!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

97. [propnet] PARTIAL PACKET!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 12 Aug 2000 09:57:49 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102328-2000.08.12-11.07.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With both FULLDUP and PASSALL on, I got the following this morning at
8:14 MY TIME (1414Z?)

)0`^X>Q -12:

      Anybody recognize any part of it?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

98. [propnet] Random characters?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 12 Aug 2000 12:13:19 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102340-2000.08.12-14.08.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got this at 1014 LCL (1614Z):

<iAH-4>(g-1,,/.-7:   □8Lv*)0G

      And this at 1127 LCL (1727Z):

l5d-2> @a-2,D4XC-6p!(x-4>::<%n,

      Random noise? Or partial packets? Anybody see anything they might
have sent?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

99. [propnet] Re: Scatter reports

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 13 Aug 2000 08:38:20 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR PropNET Remailer <propnet@lists.tapr.org>
Message-ID: <LYR1548-102432-2000.08.13-07.41.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Doug Fagan wrote:
>
> Ev,
> AS of 14:15 EDT 12 Aug 00, I have received
> 27 packets from you on 145.585 mHz.
> Doug
> KJ4X

WOW! How very cool! I've not received anything back yet,
but will stay active until the 14th. Thanks for the
reports! I may change my TX text to see if a longer packet
can get through, too. Keep you eyes open for me. :o)

Warmly,
Ev, W2EV

btw...my 4-element beam is 10-feet off the ground.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

100. [propnet] Re: Scatter reports

From: "Bob" <collie@birch.net>
Date: Sun, 13 Aug 2000 14:00:16 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102433-2000.08.13-08.06.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hope this is a typo., or the PropNET configuration guide is a typo. What is
the 2m frequency again?

regards,

Bob

-----Original Message-----
From: bounce-propnet-19457@lists.tapr.org
[mailto:bounce-propnet-19457@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
Sent: Sunday, August 13, 2000 1:38 PM
To: TAPR APRS PropNet Discussion Group
Cc: TAPR PropNET Remailer
Subject: [propnet] Re: Scatter reports

> Doug Fagan wrote:
>
> Ev,
> AS of 14:15 EDT 12 Aug 00, I have received
> 27 packets from you on 145.585 mHz.
> Doug
> KJ4X

WOW! How very cool! I've not received anything back yet,
but will stay active until the 14th. Thanks for the
reports! I may change my TX text to see if a longer packet
can get through, too. Keep you eyes open for me. :o)

Warmly,

Ev, W2EV

btw...my 4-element beam is 10-feet off the ground.

You are currently subscribed to propnet as: kc0efc@amsat.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

101. [propnet] Re: Scatter reports

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 13 Aug 2000 07:15:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102434-2000.08.13-08.26.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:00 PM 8/13/00 +0100, Bob blasted the following out into the ether:
>Hope this is a typo., or the PropNET configuration guide is a typo. What is
>the 2m frequency again?

      Uh -- 53.53, right? <G>

      Actually, it's 147.585

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

102. [propnet] Help

From: "Greg Walls" <gwalls@surfsouth.com>
Date: Sun, 13 Aug 2000 11:53:54 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102451-2000.08.13-10.59.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got UI-View and would like to participate in the PropNet
experiment. I am located in EM81eq. My rig is a Kenwood TS-790A. My TNC is
an old KAM. My antennas are modest right now as I have stripped my tower
in preparation for new 2m and 70cm beams. The only antenna left in a
Cushcraft AR270B up at 55 feet. Will this work until I get the beams back
up? Any suggestions? Comments?

73
Greg-W4GHW
[Attachment: smime.p7s; application/x-pkcs7-signature; 3,007 bytes]

103. [propnet] Re: PARTIAL PACKET!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 13 Aug 2000 20:09:12 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102499-2000.08.13-19.31.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   With both FULLDUP and PASSALL on, I got the following this morning at
> 8:14 MY TIME (1414Z?)
>
>)0`^X>Q -12:

Earl,
If memory serves me correctly, there is a HUB in New Jersey that signs with and
SSID of -12! That would make this a very close call to a 2600-km connection!
Big time noteworthy!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

104. [propnet] Re: Help

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 13 Aug 2000 20:14:20 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102500-2000.08.13-19.31.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greg Walls wrote:

> I just got UI-View and would like to participate in the PropNet
> experiment. I am located in EM81eq. My rig is a Kenwood TS-790A. My TNC is
> an old KAM. My antennas are modest right now as I have stripped my tower
> in preparation for new 2m and 70cm beams. The only antenna left in a
> Cushcraft AR270B up at 55 feet. Will this work until I get the beams back
> up? Any suggestions? Comments?

Hi Greg,
You may have already received a reply to your inquiry, but on the off chance that you've not, let me fill-in some of the blanks for you.

Your station is well equipped to LURK. Your TX ERP doesn't come close to what is really needed, but you do stand a *chance* of snagging a reception. Hit the BEACONet website and visit the "Fast Links" hyperlink. There you will find setup instructions for UI-View. Follow everything there, including the setup to run with "Software Carrier Detect" (CD SOFT). That will allow you to run with open squelch on receive.

Though you're joining us at the tail end of the useful Perseids stream, you may still snag a rock or two. I, for one, will continue on 2-meters (147.585) until the 14th from midnight until noon local time. Ditto 6-meter meteor mode (I'll return to standard mode on the morning of the 15th) on 53.53 MHz.

Welcome aboard!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

105. [propnet] BEACONet WinAPRS Users Note

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 13 Aug 2000 20:18:24 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102501-2000.08.13-19.32.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are using WinAPRS (*not* a very good program for MS mode as compared to UI-View, by the way) for the Perseids event, be sure to check your station log. It is quite possible that you received DX stations that didn't plot to your screen.

The reason is quite simple, even though I was assured this wasn't a problem by the authors, it appears that the TO-call of CQ147 and CQ53 cause WinAPRS to think that the packet is part of a private network (thanks, btw, to Earl who caught this snafu). As a result, they don't plot to your screen. arggghhhh!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

106. [propnet] Successes: Let us all know!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 13 Aug 2000 20:22:30 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102502-2000.08.13-19.32.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi everyone,
I'm getting private eMail notes to let me know that my station is being
decoded all over the place (and in multiple occurances, btw). While I'm
out of my mind with joy of my successes, lets keep in mind that we are
all here to learn from and celebrate each other's catches.
Please...take the time to cc: any notes to the remailer that you may be
sending to a transmitting station, would you?

I'm trying to put together a recap of this event for everyone to look
over.

By the way, screen-shots are very cool. If you snag anything, do one
and save it. If you send it to me, I'll assume that I can use it to
post publicly, too.

I'm staying active through the morning of the 15th.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

107. [propnet] KV4CN results

From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Sun, 13 Aug 2000 20:53:28 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102507-2000.08.13-19.59.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ran 2 meters, 500 w erp from 8/11, 1721 UTC to 8/12, 1830 UTC.
One packet received: W2EV at 0854 UTC, 525.8 miles.
It was fun, see you during the Lenoids.
73, Dave, KV4CN

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

108. [propnet] W2EV packet copied

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Sun, 13 Aug 2000 20:36:5
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102512-2000.08.13-20.42.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After switching to Ui-View and turning my Dual Band Cushcraft antenna to
the NorthEast., I copied W2EV!

Distance to W2EV: 928.3 miles
Last Heard : Aug 13 15:25z

My QTH : Spring Hill, Kansas
My gridsquare is: EM28ns
Radio : Kenwood TMV7a - 50Watts
Antenna : Cushcraft A270-10S - 10db gain

I did a quick screen grab and attached it to a msg to W2EV.

If your email client is MsOutlook (not to be confused with MsOutlook

Express.) Go to the screen you wish to grab and press shift + PrintScreen.
 Then bring up Ms Outlook create a message and do a left click in the body
of the text then right click to paste.

Thanks to Ev Tupis (W2EV) and Earl Needham (KD5XB) for helping me get this
working.

73' Bob / KC0EFC

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

109. [propnet] Re: PARTIAL PACKET!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 13 Aug 2000 20:41:38 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102515-2000.08.13-22.15.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:09 PM 8/13/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
> >   With both FULLDUP and PASSALL on, I got the following this morning at
> > 8:14 MY TIME (1414Z?)
> >
> >)0`^X>Q -12:
>
>Earl,
>If memory serves me correctly, there is a HUB in New Jersey that signs
>with and
>SSID of -12! That would make this a very close call to a 2600-km connection!
>Big time noteworthy!

      Sounds almost too good to be true -- that's around 1500 miles, a bit
farther than I expected from MS.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

110. [propnet] Perseids Results

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Mon, 14 Aug 2000 7:7:58
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102553-2000.08.14-07.14.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

28 packets were copied from W2EV during the Perseids
on 147.585 mhz.
By 8 am on 12 Aug 00 four packets were copied.
During the period of 12:00 to 14:15 EDT 12 Aug 00
23 additional W2EV packets were received. Only 1
additional packet was received, that being around
11:00 on 13 Aug 00.
My location is Pickens SC, EM84pw.
Doug, KJ4X

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

111. [propnet] RE: BEACONet WinAPRS Users Note

From: "Ben Miller" <benm@uniplex.uniplex.com>
Date: Mon, 14 Aug 2000 07:26:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102554-2000.08.14-07.37.26--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Ev,

What is the problem with WinAPRS? I was thinking about putting up a setup
on 53.53 with 100W on an omnidirectional antenna. May not be enough based
on what I've seen of your recommendations. In any event, I wondered why
WinAPRS is not recommended.

Thanks,

Ben Miller
KC5NFU
EM12

-----Original Message-----
From: bounce-propnet-12448@lists.tapr.org
[mailto:bounce-propnet-12448@lists.tapr.org]On Behalf Of
propnet@greeceny.com
Sent: Sunday, August 13, 2000 7:18 PM
To: propnet@lists.tapr.org
Subject: [propnet] BEACONet WinAPRS Users Note

If you are using WinAPRS (*not* a very good program for MS mode as
compared to UI-View, by the way) for the Perseids event, be sure to
check your station log. It is quite possible that you received DX
stations that didn't plot to your screen.

The reason is quite simple, even though I was assured this wasn't a
problem by the authors, it appears that the TO-call of CQ147 and CQ53
cause WinAPRS to think that the packet is part of a private network
(thanks, btw, to Earl who caught this snafu). As a result, they don't
plot to your screen. arggghhhh!

Ev, W2EV

You are currently subscribed to propnet as: benm@uniplex.com
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

112. [propnet] RE: BEACONet WinAPRS Users Note

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 14 Aug 2000 20:57:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102717-2000.08.14-20.04.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben Miller wrote:

> Ev,
>
> What is the problem with WinAPRS? I was thinking about putting up a setup
> on 53.53 with 100W on an omnidirectional antenna. May not be enough based
> on what I've seen of your recommendations. In any event, I wondered why
> WinAPRS is not recommended.

Ben,
The reason that WinAPRS is not recommended for BEACONet/PropNET operation is
twofold:

First (and foremost) it doesn't decode packets to a map if they use frequency
designators in the CQ-field. Packets launched with CQ53 or CQ147 won't
display on the screen, although they will appear in the station list.

As BEACONet matures over the next few years, we will probably begin to support
our own internet system (similar to what appears on APRS). Not knowing a band
of origination will prove fatal to any meaninful propagation analysis.

Second, WinAPRS's meteor mode requires one to beacon every 10-seconds. Doing
the math, that's over 8,000 T/R cycles in 24 hours. Ouch! Although this
certainly doesn't "deep six" WinAPRS by itself, it is certainly worthy of
reconsidering using it...especially since UI-View is so readily accessible
(right from the Fast Links section of http://go.to/BEACONet).

For non-meteor operation WinAPRS will be fine to use once the Sprouls fix the
CQ### problem (a problem that other titles like UI-View, APRSdos and APRS+SA
don't have, by the way).

'Hope that helps a bit. If I was as clear as mud, drop me another line and
I'll do my best to clarify a bit more.

By the way, a 100 watt 6-meter BEACONet station is one well equipped station.
Although there doesn't appear to be any successes noted for the Perseids,
don't forget that: 1-Participation is light, reducing the probability of
success and 2. The Perseids are a slower shower than the Leonids, further
lowering the probability of success. These are, of course generalizations,
but fairly accurate statements, none-the-less.

Welcome aboard, Ben!

Warmly,
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

113. [propnet] Perseids '00 Over

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 16 Aug 2000 06:21:06 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-102986-2000.08.16-06.17.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At least, they're over for me now. Please, everyone check
your screens/logs, etc. Now is a good time to post your
results to the remailer for everyone to see. I'll do my
best to compile what's there and repost in a format that can
be easily followed and compared.

Did anyone open a log? Unfortunately, I didn't even think
of that. It would be really interesting to analyze an RX
log. BEACONet/PropNET is probably one of the only amateur
tools available to acually analyze returns to determine how
close the MS prediction programs are (see note below).

Anyway...post 'em if you got 'em. :o)
Ev, W2EV

note: If you visit http://www.spaceweather.com, you will
find reference to a ham in New Mexico (no, not Earl <g>) who
uses a broadcast receiver on 88.7 MHz, tied to a
SoundBlaster card to allow his computer to count the number
of meteor bursts received. The down-side to this is that
you don't really know which broadcast station is catching a
falling star, only that one within range did. Since
gridsquare is part of a BEACONet transmission, we have the
ability to take this observation to another level. We can
know not only *that* a meteor trail propagated a signal, but
the "signal vector" involved. Now it's just a matter of
getting more BEACONet stations on-the-air!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

114. [propnet] Re: setup for partial packet

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 16 Aug 2000 16:23:35 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org

Message-ID: <LYR1548-103136-2000.08.16-18.10.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:30 AM 8/16/00 -0400, Wm Seffens blasted the following out into the ether:
>Hi Earl,
>
>you emailed to the beaconet about receiving partial packets using FULLDUP
>and PASSALL. could you take the time to tell me how that is setup in
>UIview? i know how to do it with winAPRS.

      Sure! Let me cc: BeaconNet, too, in case someone else needs the info.

      OK, got the addressing done. In WinAPRS, the way I like to set up special TNC commands is in the INITHF.TNC and INITVHF.TNC files. They can be edited in any text editor.

      It was quite some time before I noticed that UI-View uses something similar, called INITNC.CMD. If you use the standard TNC mode (not KISS and not AGW), you can edit this file the same way as the ones for WinAPRS are edited and away you go.

      If you remember my discussion of MY setup, my MFJ had a PacComm chip in it that defaulted to GPS mode, so I could use it as a "dumb tracker" on 144.39. Here is the INITNC.CMD that I build to put that TNC in the right "mode" for UI-View.

      Note, the first line (\ ) takes the TNC OUT of GPS mode. The rest of the commands are fairly straightforward.

_____

\

LOC E 0
B E 0
ECHO OFF
AWLEN 8
8BIT ON
HEADER ON
BEACON EVERY 0
NEWMODE ON
NOMODE OFF
CONOK OFF
SENDPAC $0D
PACLEN 250
MSTAMP OFF
MON ON
MCOM ON
PASSALL ON
FULLDUP ON

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

115. [propnet] Re: Perseids '00 Over

From: "Wayne Ackerman" <wwackerm@teleplex.net>
Date: Thu, 17 Aug 2000 12:56:24 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-103271-2000.08.17-12.01.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nothing seen here in Western North Carolina on either six or two meters. Operated both 53.53 and 147.585 from 8/8 through 8/15. So far, no one has reported receiving my UI-View signal except Doug, KJ4X, who sees me direct in Pickens, SC.

Wayne, W3GYK

wwackerm@teleplex.net

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

116. [propnet] Check this out...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 19 Aug 2000 08:56:21 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-103600-2000.08.19-10.03.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Got the following packets this morning:

AB5WF>ID,K5ZRO,KD5JTM-4*,WIDE3-1:AB5WF/R 5WF-1/B
AB5WF>ID,K5ZRO,WA5IHL-11*,WIDE3:AB5WF/R 5WF-1/B
AB5WF>ID,K5ZRO,WA5IHL-11*,WIDE3:AB5WF/R 5WF-1/B

AB5WF comes back to a Ronald P. Brown in Jackson, Mississippi --
about 770 miles. NOT BAD FOR 3 HOPS!

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

117. [propnet] Re: Check this out...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 19 Aug 2000 09:07:54 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-103659-2000.08.19-16.00.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:56 AM 8/19/00 -0600, *I* blasted the following out into the ether:
><snip>
>AB5WF>ID,K5ZRO,KD5JTM-4*,WIDE3-1:AB5WF/R 5WF-1/B
>AB5WF>ID,K5ZRO,WA5IHL-11*,WIDE3:AB5WF/R 5WF-1/B
>AB5WF>ID,K5ZRO,WA5IHL-11*,WIDE3:AB5WF/R 5WF-1/B
>
> AB5WF comes back to a Ronald P. Brown in Jackson, Mississippi --
> about 770 miles. NOT BAD FOR 3 HOPS!

Actually, after a bit more research, I find that K5ZRO is at
Vicksburg, Mississippi. The next station, KD5JTM-4, is near Lubbock,
Texas, for a single hop of over 600 miles.

WA5IHL-11 is west of me, making THAT hop (from Vicksburg) around 750
miles!

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

118. [propnet] Re: Check this out...

From: James Smith <k9apr@tawg.org>
Date: Sun, 20 Aug 2000 01:27:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-103719-2000.08.20-01.37.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Catch Earl, WA5IHL-11 hears pretty it seems. Seen it direct here in
Indiana once.

73, James, K9APR

Earl Needham wrote:

> At 08:56 AM 8/19/00 -0600, *I* blasted the following out into the ether:
> ><snip>
> >AB5WF>ID,K5ZRO,KD5JTM-4*,WIDE3-1:AB5WF/R 5WF-1/B
> >AB5WF>ID,K5ZRO,WA5IHL-11*,WIDE3:AB5WF/R 5WF-1/B
> >AB5WF>ID,K5ZRO,WA5IHL-11*,WIDE3:AB5WF/R 5WF-1/B
> >
> >   AB5WF comes back to a Ronald P. Brown in Jackson, Mississippi --
> > about 770 miles. NOT BAD FOR 3 HOPS!
>
>   Actually, after a bit more research, I find that K5ZRO is at
> Vicksburg, Mississippi. The next station, KD5JTM-4, is near Lubbock,
> Texas, for a single hop of over 600 miles.
>
>   WA5IHL-11 is west of me, making THAT hop (from Vicksburg) around 750
> miles!
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
> ---
> You are currently subscribed to propnet as: k9apr@tawg.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

119. [propnet] Re: Check this out...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 20 Aug 2000 08:56:06 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-103746-2000.08.20-10.05.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:27 AM 8/20/00 -0500, James Smith blasted the following out into the
ether:
>Good Catch Earl, WA5IHL-11 hears pretty it seems. Seen it direct here in
>Indiana once.

      That's pretty neat, James, but it hears well only in certain
directions. A buddy and I tried for hours last night to get into Lubbock,
and could not. In fact, our 11-element Cushcraft at 30 feet consistently
heard better than WA5IHL-11's vertical at around 3 HUNDRED feet, just 20
miles west of here.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

120. [propnet] Chopped packets???

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 21 Aug 2000 08:24:59 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-103963-2000.08.21-09.58.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've noticed a few chopped packets from my HamHUD, and occasionally
some combined packets.

      Here's one from yesterday afternoon:

KD5XB-9>GPSMV,WA5IHL-11*,WIDE5-5:KD5XB-2 :ack2
has$GPRMC,235957,A,3424.382,N,10320.225,W,013.6,006.9,200800,009.0,E*6E

Here's the latest:

KD5XB-9>GPSMV,WA5IHL-11*,WIDE5-3:$GPRMC,144355,A,

      What's going on here? Is this an incorrect TNC setting?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

121. [propnet] Re: Chopped packets???

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 21 Aug 2000 20:28:38 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104094-2000.08.21-19.54.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Here's the latest:
>
> KD5XB-9>GPSMV,WA5IHL-11*,WIDE5-3:$GPRMC,144355,A,

Conjecture, but it looks like someone's packets are getting
clobbered in transit, or someone has PASSALL on.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

122. [propnet] Re: Chopped packets???

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 21 Aug 2000 19:59:03 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104117-2000.08.21-21.47.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:28 PM 8/21/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
> > Here's the latest:
> >
> > KD5XB-9>GPSMV,WA5IHL-11*,WIDE5-3:$GPRMC,144355,A,
>
>Conjecture, but it looks like someone's packets are getting
>clobbered in transit, or someone has PASSALL on.

      Darn, did I do that again? I can't understand why I get the two

lists (HamHUD and PropNet) confused so easily...

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

123. [propnet] Re: Chopped packets???

From: K5QQ@aol.com
Date: Mon, 21 Aug 2000 23:21:40 EDT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104120-2000.08.21-22.28.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> At 08:28 PM 8/21/00 -0400, Ev Tupis (W2EV) blasted the following out into
> the ether:
> > > Here's the latest:
> > >
> > > KD5XB-9>GPSMV,WA5IHL-11*,WIDE5-3:$GPRMC,144355,A,
> >
> >Conjecture, but it looks like someone's packets are getting
> >clobbered in transit, or someone has PASSALL on.

What's wrong with it?

This is a typical string from a standalone tracker.

The GPSMV tells the software to use a little red car for the icon.

The WA5IHL-11,Wide5-3, tells me the last digipeater it went thru
and how many it went thru before then.
The $GPRMC is the start of the string the TNC has parsed from the GPS.

Looks pretty good to me!!

Jim   K5QQ

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

124. [propnet] Re: Chopped packets???

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 21 Aug 2000 22:25:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104165-2000.08.22-01.18.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:21 PM 8/21/00 -0400, K5QQ@aol.com blasted the following out into the
ether:
><snip>
> > > > KD5XB-9>GPSMV,WA5IHL-11*,WIDE5-3:$GPRMC,144355,A,
> > >
> > >Conjecture, but it looks like someone's packets are getting
> > >clobbered in transit, or someone has PASSALL on.
>
>
>What's wrong with it?

      That's the ENTIRE packet. It's missing about half!

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

125. [propnet] Change of Email Address

From: "Scott-KC5JGV" <kc5jgv@arrl.net>
Date: Thu, 24 Aug 2000 08:29:23 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104777-2000.08.24-08.33.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a general message to everyone in my email address book. I have
changed email servers and no longer can be reached at
kc5jgv@bobcats2.oursc.k12.ar.us.

My new email address is kc5jgv@arrl.net

You may get more than one copy of this message.

Thanks
Scott Ratchford
KC5JGV

Need Help with APRS?
http://www.aprshelp.com

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

126. [propnet] 'Meteor' shower to be scheduled...

From: Tim Baggett <tim@oasis.com>
Date: Thu, 24 Aug 2000 09:41:45 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104809-2000.08.24-09.54.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Although I'm just a lurker who lives in an apartment and cannot participate
in such events, I thought it might be kinda cool to do a prop study on this
meteor shower. At least SOMEONE should use them for communications purposes!

Tim

NEW YORK (CBS.MW) - Motorola began finalizing a schedule to
destroy its Iridium satellite network after failing to
find a buyer for the 66 satellites.

According to a Reuters report, a
bankruptcy court hearing to discuss
takeover bids for the network was
canceled on Wednesday after no
qualified buyers bid on the satellites.

The actual schedule has not been set, according to the report.

Motorola (MOT: news, msgs) was given permission in
March from a bankruptcy court to destroy the $5 billion satellite
network.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

127. [propnet] Anybody still on 53.53?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 24 Aug 2000 11:48:22 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-104855-2000.08.24-13.01.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since the Perseids are over, is anybody besides me still on 53.53? I
decided to leave a rig on that frequency on the chance I might receive
somebody else.

      I've just learned how to make UI-View GATE from 2 to 6 and 6 to 2, so
I'm now doing that. Y'all try and listen this way!

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

128. [propnet] Re: 'Meteor' shower to be scheduled...

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 24 Aug 2000 16:29:16 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104884-2000.08.24-15.36.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Very interesting! Keep us informed as to when this is supposed to actually
happen. I'd be willing to go to Meteor Mode for it!
Ev, W2EV

Tim Baggett wrote:

> Although I'm just a lurker who lives in an apartment and cannot participate
> in such events, I thought it might be kinda cool to do a prop study on this
> meteor shower. At least SOMEONE should use them for communications purposes!
>
> Tim
>
> NEW YORK (CBS.MW) - Motorola began finalizing a schedule to
> destroy its Iridium satellite network after failing to
> find a buyer for the 66 satellites.
>
> According to a Reuters report, a
> bankruptcy court hearing to discuss
> takeover bids for the network was
> canceled on Wednesday after no
> qualified buyers bid on the satellites.
>
> The actual schedule has not been set, according to the report.
>
> Motorola (MOT: news, msgs) was given permission in
> March from a bankruptcy court to destroy the $5 billion satellite
> network.
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

129. [propnet] Re: Anybody still on 53.53?

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 24 Aug 2000 16:31:17 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104885-2000.08.24-15.38.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, W2AAA has now resumed HUB operations (1 ID every 10-minutes). 6 has been
dead in the NE, though. I'll keep watching! -= Ev =-

Earl Needham wrote:

>   Since the Perseids are over, is anybody besides me still on 53.53? I
> decided to leave a rig on that frequency on the chance I might receive
> somebody else.
>
>   I've just learned how to make UI-View GATE from 2 to 6 and 6 to 2, so
> I'm now doing that. Y'all try and listen this way!
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

130. [propnet] Re: Anybody still on 53.53?

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Thu, 24 Aug 2000 18:37:06 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104904-2000.08.24-18.00.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yea Earl, i have been transmitting on 53.53 beamed toward you nearly 24 hr a
day. i bought a tuner and swr meter for 6m, and found that i am only
putting out 70-80 watts into a 5 element beam from a brick rated at 150
watts. i am using a MFJ 6m data transceiver that supposedly puts out 10
watts into the amp.

i am debating how to increase power. 1)buy another brick and use a power
combiner (but i probably cannot drive both amps with the 10 watt tranceiver)
or 2) buy an amp that takes the 70 watts to 300-600 watts.

i also want to hear others, so i will probably get a DSP data filter.

Where is Bill? map.findu.com/kg4eyo
----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Thursday, August 24, 2000 1:48 PM
Subject: [propnet] Anybody still on 53.53?

>
>   Since the Perseids are over, is anybody besides me still on 53.53?
I
> decided to leave a rig on that frequency on the chance I might receive
> somebody else.
>
>   I've just learned how to make UI-View GATE from 2 to 6 and 6 to 2,
so
> I'm now doing that. Y'all try and listen this way!
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,

> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: seffens@netzero.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

131. [propnet] Re: Anybody still on 53.53?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 24 Aug 2000 18:17:42 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104970-2000.08.25-01.22.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:37 PM 8/24/00 -0400, Wm Seffens blasted the following out into the ether:
><snip>
>i am debating how to increase power. 1)buy another brick and use a power
>combiner (but i probably cannot drive both amps with the 10 watt tranceiver)
>or 2) buy an amp that takes the 70 watts to 300-600 watts.

      I'm also trying to figure out how to increase my power. currently
can only run 10 watts out on 6 meters FM. The amp works FB on SSB, but
since FM is 100% duty cycle, the POWER SUPPLY (Astron RS-20S) won't carry
the load!

      Of course I found this out too late to do anything about it for the
Perseids...

      Still operating on 6 meters, and I've discovered how to GATE all the
local 2-meter activity over to 6, using UI-View. doing so now in the hopes
of somebody out there hearing me...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

132. [propnet] Re: Anybody still on 53.53?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 25 Aug 2000 07:16:50 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-104980-2000.08.25-06.22.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey guys, be sure to check your SWR. On 53.53, a 4-element
beam that is cut for 50.2 may have a high SWR and a
radiation pattern that is actually reverse of what you'd
expect. It is actually possible for a vertical monopole to
outperform it. Just a thought!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

133. [propnet] Re: Anybody still on 53.53?

From: "Brian D Heaton" <bheaton@rmi.net>
Date: Fri, 25 Aug 2000 18:36:38 -0600

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105148-2000.08.25-19.53.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,

    Please don't gate the local 2-meter activity over to 6. If we get a
propogation enhancement it will quickly overload the channel. Gating 6 to 2
is probably safe given the low activity level. It may even be desireable to
let folks on 2 see the 6 openings.

                THX/BDH

----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Thursday, August 24, 2000 18:17
Subject: [propnet] Re: Anybody still on 53.53?

> At 06:37 PM 8/24/00 -0400, Wm Seffens blasted the following out into the
ether:
> ><snip>
> >i am debating how to increase power. 1)buy another brick and use a power
> >combiner (but i probably cannot drive both amps with the 10 watt
tranceiver)
> >or 2) buy an amp that takes the 70 watts to 300-600 watts.
>
>   I'm also trying to figure out how to increase my power. currently
> can only run 10 watts out on 6 meters FM. The amp works FB on SSB, but
> since FM is 100% duty cycle, the POWER SUPPLY (Astron RS-20S) won't carry
> the load!
>
>   Of course I found this out too late to do anything about it for the
> Perseids...
>
>   Still operating on 6 meters, and I've discovered how to GATE all the
> local 2-meter activity over to 6, using UI-View. doing so now in the
hopes
> of somebody out there hearing me...
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> PGP Key ID 0xC3FDA66E
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: bheaton@rmi.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
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You are currently subscribed to propnet as: lyris.propnet@tapr.org
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134. [propnet] Re: Anybody still on 53.53?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 25 Aug 2000 19:47:27 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105159-2000.08.25-20.58.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:36 PM 8/25/00 -0600, Brian D Heaton blasted the following out into
the ether:
>Earl,
>
>   Please don't gate the local 2-meter activity over to 6. If we get a
>propogation enhancement it will quickly overload the channel.

      I would agree INSTANTLY if we were talking about 30 meters with the
300 bps speed. However, I don't really think we'll have to much problem
gating 1200 BPS to 1200 BPS, AND considering the level of activity on

144.39 here in Clovis, New Mexico. Activity here is nowhere near what you
might see in a city. Of course we hear the trackers every two or three
minutes, and the digis transmit their beacons every 15 minutes to an hour...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

135. [propnet] 2 to 6 Bridging [was:Anybody still on 53.53?]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 26 Aug 2000 02:57:26 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105201-2000.08.26-02.06.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >   Please don't gate the local 2-meter activity over to 6. If we get a
> >propogation enhancement it will quickly overload the channel.
>
>   I would agree INSTANTLY if we were talking about 30 meters with the
> 300 bps speed. However, I don't really think we'll have to much problem
> gating 1200 BPS to 1200 BPS, AND considering the level of activity on
> 144.39 here in Clovis, New Mexico.

Now here is a very interesting topic, indeed. Before "rolling out" the
BEACONet/PropNET service, the possibility of a 2/6 meter bridge was considered.
I had to take a mental trip to the time in the future when there would be scores
of participants all across the continent and sunspot activity (even Es activity)
was high. The issue to consider was, "What to do when the collision domain is
continent-wide in scope, rather than 'just' local, and the channel starts
filling with 2-meter bridged posits with paths like RELAY,WIDE,WIDE?".

By the same token, how do you not discourage someone from building a bridge
(being an experimenter) that does just that, during the early years of the
BEACONet/PropNET service? After all, as with any pioneering application, there
are few participants in the early cycle...we'd all love to have more icons
pop-up on our screens, wouldn't we? :o) The idea is to put traffic on the
channel for folks to decode (at least until there is enough 6-meter native
traffic to keep us busy).

Additionally, there was the issue (that is burning on the APRS remailer) of path
control. There is a long-held tennant that the sending station controls the
path its' signal will take through the network. (this is contained in the
UNPROTO section of a transmission). What if a 2-meter station didn't want to go
show-up on 6-meters?

All of these issues were addressed with one wave of the magic wand. :o) On
BEACONet/PropNET, we support only the HOPn-N value in UNPROTO. No
RELAY,WIDE,TRACE,WIDEn-N,TRACEn-N, etc. (btw...the rest of this note will deal
this this topic--if you already understand UNPROTO values and how they are
processed, you can stop reading here <smile>).

This is the result:
1. Stations that are bridged from any other band to 6-meters still show up and
are transmitted, but because they come over with R,W,T,Wn-N or Tn-N in their
UNPROTO path, they are not digipeated; yet, they will still appear as plottable
traffic by anyone in range of the bridging station. (of course, "in range" is a
relative term on 6-meters)

2. If a 2-meter station *wants* to be propagated through the BEACONet/PropNET
service, all they need to do is figgure out the path to the bridging station,
and append HOPn-N in their UNPROTO and they are off to the races!
(WB4APR>APRS,RELAY,WIDE,HOP3-3:... is an example) Of course, the hope is that
such a station will do this in an informed way (using [GR##ID] rather than the
significantly longer lat/lon format).

Beware, though. Until there is a "Band of Origination" flag in the APRS spec
(yeah, I know that BEACONet/PropNET service is *not* the APRS service, but our

work is based-on and is fully compatible with a supported APRS protocol), you need to examine any icon that pops up to determine if it is a 6-meter originator or something that was translated from another band. Remember that the "givaway" at this point is the UNPROTO path. If it contains R,W,T,etc, then it originated somewhere other than on the BEACONet/PropNET channel. BTW...this is what drove the CQ53 and CQ147 design of our packets.

So...in a nutshell, in today's world, there is nothing inhearantly wrong with connecting APRS traffic from other bands to 53.53. No harm will come. However, in the long run, as we get more and more folks participating, there will be less and less need to do so, as there will be plenty of other icons to capture and decode.

By the way...Earl is the second station to be doing so. Charlie Alfano in FN30 (Nyew Yorkkk Citteh <grin>) has been doing so for quite a while using a KPC9612 with two 1200 baud boards.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

136. [propnet] Re: 2 to 6 Bridging [was:Anybody still on 53.53?]

From: "Brian D Heaton" <bheaton@rmi.net>
Date: Sat, 26 Aug 2000 16:10:45 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105284-2000.08.26-17.28.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,

    You're right of course. I'm was thinking about the long view. My concern was/is seeing stations coming from a few hundred miles distant and thinking there was a band-opening when it was actually coming through a gateway.

    A quick look at the digipath should allow this to be seen. If I can manager to convince the XYL that we need "only 1 more antenna" I'll hopefully be on 53.53 from the USAF Academy in CO.

THX/BDH

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, August 26, 2000 00:57
Subject: [propnet] 2 to 6 Bridging [was:Anybody still on 53.53?]

> > >   Please don't gate the local 2-meter activity over to 6. If we get a
> > >propogation enhancement it will quickly overload the channel.
> >
> >   I would agree INSTANTLY if we were talking about 30 meters with the
> > 300 bps speed. However, I don't really think we'll have to much problem
> > gating 1200 BPS to 1200 BPS, AND considering the level of activity on
> > 144.39 here in Clovis, New Mexico.
>
> Now here is a very interesting topic, indeed. Before "rolling out" the
> BEACONet/PropNET service, the possibility of a 2/6 meter bridge was considered.
> I had to take a mental trip to the time in the future when there would be scores
> of participants all across the continent and sunspot activity (even Es activity)
> was high. The issue to consider was, "What to do when the collision domain is
> continent-wide in scope, rather than 'just' local, and the channel starts
> filling with 2-meter bridged posits with paths like RELAY,WIDE,WIDE?".
>
> By the same token, how do you not discourage someone from building a bridge
> (being an experimenter) that does just that, during the early years of the

> BEACONet/PropNET service? After all, as with any pioneering application,
there
> are few participants in the early cycle...we'd all love to have more icons
> pop-up on our screens, wouldn't we? :o) The idea is to put traffic on the
> channel for folks to decode (at least until there is enough 6-meter native
> traffic to keep us busy).
>
> Additionally, there was the issue (that is burning on the APRS remailer)
of path
> control. There is a long-held tennant that the sending station controls
the
> path its' signal will take through the network. (this is contained in the
> UNPROTO section of a transmission). What if a 2-meter station didn't want
to go
> show-up on 6-meters?
>
> All of these issues were addressed with one wave of the magic wand. :o)
On
> BEACONet/PropNET, we support only the HOPn-N value in UNPROTO. No
> RELAY,WIDE,TRACE,WIDEn-N,TRACEn-N, etc. (btw...the rest of this note will
deal
> this this topic--if you already understand UNPROTO values and how they are
> processed, you can stop reading here <smile>).
>
> This is the result:
> 1. Stations that are bridged from any other band to 6-meters still show up
and
> are transmitted, but because they come over with R,W,T,Wn-N or Tn-N in
their
> UNPROTO path, they are not digipeated; yet, they will still appear as
plottable
> traffic by anyone in range of the bridging station. (of course, "in range"
is a
> relative term on 6-meters)
>
> 2. If a 2-meter station *wants* to be propagated through the
BEACONet/PropNET
> service, all they need to do is figgure out the path to the bridging
station,
> and append HOPn-N in their UNPROTO and they are off to the races!
> (WB4APR>APRS,RELAY,WIDE,HOP3-3:... is an example) Of course, the hope is
that
> such a station will do this in an informed way (using [GR##ID] rather than
the
> significantly longer lat/lon format).
>
> Beware, though. Until there is a "Band of Origination" flag in the APRS
spec
> (yeah, I know that BEACONet/PropNET service is *not* the APRS service, but
our
> work is based-on and is fully compatible with a supported APRS protocol),
you
> need to examine any icon that pops up to determine if it is a 6-meter
originator
> or something that was translated from another band. Remember that the
"givaway"
> at this point is the UNPROTO path. If it contains R,W,T,etc, then it
originated
> somewhere other than on the BEACONet/PropNET channel. BTW...this is what
drove
> the CQ53 and CQ147 design of our packets.
>
> So...in a nutshell, in today's world, there is nothing inhearantly wrong
with
> connecting APRS traffic from other bands to 53.53. No harm will come.
However,
> in the long run, as we get more and more folks participating, there will
be
> less and less need to do so, as there will be plenty of other icons to
capture
> and decode.
>
> By the way...Earl is the second station to be doing so. Charlie Alfano in
FN30
> (Nyew Yorkkk Citteh <grin>) has been doing so for quite a while using a
KPC9612
> with two 1200 baud boards.
>
> Ev, W2EV

>
>
>
>
> ---
> You are currently subscribed to propnet as: bheaton@rmi.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

137. [propnet] 31 packets in 10 minutes...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 26 Aug 2000 18:48:22 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105307-2000.08.26-20.11.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK all, I just installed the traffic monitor that operates with
UI-View and AGWPE. In the past ten minutes, I received 31 packets, none of
them from 6 meters.

      In fact, I haven't received ANYTHING on 6 meters since getting the
partial packets during the Perseids.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

138. [propnet] Re: 31 packets in 10 minutes...

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Sun, 27 Aug 2000 11:34:08 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105389-2000.08.27-10.42.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

if i setup Afilter to watch my packets on the internet, would i see if one
of my UI-view packets on 6m made it to you before you do (assuming you are
not watching the packets from your TNC)?

Where is Bill? www.map.findu.com/kg4eyo
----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Saturday, August 26, 2000 8:48 PM
Subject: [propnet] 31 packets in 10 minutes...

>
>   OK all, I just installed the traffic monitor that operates with
> UI-View and AGWPE. In the past ten minutes, I received 31 packets, none
of
> them from 6 meters.
>
>   In fact, I haven't received ANYTHING on 6 meters since getting the
> partial packets during the Perseids.
>
>   7 3
>   Earl

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

139. [propnet] Re: 31 packets in 10 minutes...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 27 Aug 2000 09:40:43 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105390-2000.08.27-10.50.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:34 AM 8/27/00 -0400, Wm Seffens blasted the following out into the ether:
>if i setup Afilter to watch my packets on the internet, would i see if one
>of my UI-view packets on 6m made it to you before you do (assuming you are
>not watching the packets from your TNC)?

That's a good question!

I believe the answer is "yes", because during the week I usually come home and see what I've caught, sort of like pulling a shrimp net! <G>
On the weekends, I spend a lot of time watching the station.

So, you'd probably see your packet on the internet, IF the path was long enough to get to the IGATE in Amarillo (about 5 to 7 hops) or IF the path was long enough to get to the IGATE in Albuquerque, about 3 or 4 hops. And, either way, you'd probably see it before I noticed that it came from 6 meters.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

140. [propnet] 2M/6M links

From: dave.g0dja@psilink.co.uk (David J. Ackrill)
Date: Mon, 28 Aug 2000 09:58:29 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105562-2000.08.28-05.04.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm concidering a replacement for my aged and ailing KAM+ (it's started acting up in KISS mode and Host mode now) and I think I'm coming over to the idea of a dual port 1200 baud TNC so that I can port from 6M to 2M.

So, does anyone have any thoughts about the various makes and models available please?

I'm also thinking of implimenting the PropNET system on 6M using UI-View and will do some listening on the UK 6M Packet channels to see what looks best at this end.

Cheers de Dave (G0DJA)
P.S - Anyone ever repaired a KAM+, I wonder? Are the chips available still available, without needing to pay an arm and a leg to Kantronics? I can provide details of the symptoms on request.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

141. [propnet] Re: Band opening

From: James Smith <k9apr@tawg.org>
Date: Mon, 28 Aug 2000 13:15:54 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: w5vex@arrl.net
Message-ID: <LYR1548-105640-2000.08.28-13.26.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a interesting packet received this morning.

N4ASW>APW243,N5YXO-1,KC5EZZ-3*,GATE:_08281430c189s007g010t080r000p000P000

This was received at 8:21am CDT did a callsign look up on KC5EZZ-3 it is
located in San Angelo, Tx which I don't know how many air miles that is
I'm located in New Castle, In abt 40 miles east of Indianapolis.

Here's yet another one, but don't think you consider this dx.
W5VEX-1>K9XT-3>WIDE7*>APRS:!3103.83N/09729.55W_PHG2260/Belton,Texas
W5VEX@ARRL.NET

K9XT-3 is located abt 23 air miles from me.

73, James, K9APR
Tri-State APRS Working Group / Chairman
http://www.tawg.org

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

142. [propnet] list of participants

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Mon, 28 Aug 2000 20:40:20 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105737-2000.08.28-19.51.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
This message is probably directed mostly at Ev Tupis, but could somebody
post a list of participants along with their operating frequency and
position. i recently got my 6m yagi onto a rotor. Besides pointing toward
N.M. for Earl, i'd like to attempt others if they are listening or
transmitting. Perhaps this was posted here, but i lost a lot of email
hitting the delete key from the mess of messages on APRSSIG lately.

i discovered that in my haste to get up for the Perseids, i hooked the TNC
wrong. i was deaf and dumb. i want to get my antenna tuned for the next
meteor shower.

Wm Seffens

Where is Bill by GPS location using HAM radio on 144.390 MHz: Try
http://www.findu.com/cgi-bin/find.cgi?kg4eyo or
http://second.aprs.net/kg4eyo or http://map.aprs.net/kg4eyo
My regional weather:
http://www.accessatlanta.com/weather/doppler_radar.html
HAM station KG4EYO on Atlanta map: http://www.wa4dsy.net/aprs/ga-atl.html

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

143. [propnet] Re: 31 packets in 10 minutes...

From: "Ben Miller" <benm@uniplex.com>
Date: Mon, 28 Aug 2000 21:36:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105765-2000.08.28-21.45.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,

Could you give me a quick setup of UI-View for 53.53? I'm on my Yaesu
FT-847 5O watts FM, vertical antenna. Using an AEA PK-88. I may not run it
24/7 but will run it when unattended.

Thanks & 73,

Ben Miller
KC5NFU
EM12RW

-----Original Message-----
From: bounce-propnet-12448@lists.tapr.org
[mailto:bounce-propnet-12448@lists.tapr.org]On Behalf Of Earl Needham
Sent: Sunday, August 27, 2000 10:41 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: 31 packets in 10 minutes...

At 11:34 AM 8/27/00 -0400, Wm Seffens blasted the following out into the ether:
>if i setup Afilter to watch my packets on the internet, would i see if one
>of my UI-view packets on 6m made it to you before you do (assuming you are
>not watching the packets from your TNC)?

That's a good question!

I believe the answer is "yes", because during the week I usually come home and see what I've caught, sort of like pulling a shrimp net! <G>
On the weekends, I spend a lot of time watching the station.

So, you'd probably see your packet on the internet, IF the path was long enough to get to the IGATE in Amarillo (about 5 to 7 hops) or IF the path was long enough to get to the IGATE in Albuquerque, about 3 or 4 hops. And, either way, you'd probably see it before I noticed that it came from 6 meters.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: benm@uniplex.com
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

144. [propnet] Re: list of participants

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 28 Aug 2000 22:51:15 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105787-2000.08.28-21.59.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi William,
I'll have to dig through my archives, but there really isn't a list of stations per se. Folks come and go. All I can tell you is that there are a half-dozen or so HUB's scattered throughout the northeast, and Earl in New Mexico. Unfortunately, the geometry of this spread isn't very conducive to doing much yet...but with YOUR interest, alot of that can change. <grin>

The best thing to do is to start playing with UI-view now, so that we can whoop it up in November for the Leonids. Last year there were 15 or so participants on 6-mters and probably double that on 2-meters. I'll be doing some antenna modelling in the mean time, and sharing it with the remailer. It's really amazing just how poorly a small beam that is cut for the bottom end of the band plays at the top end. Of course, that is an advantage, too...very little QRM to our SSB/CW bretheren. :o)

Ev, W2EV

Wm Seffens wrote:

> Hi,
> This message is probably directed mostly at Ev Tupis, but could somebody

> post a list of participants along with their operating frequency and
> position. i recently got my 6m yagi onto a rotor. Besides pointing toward
> N.M. for Earl, i'd like to attempt others if they are listening or
> transmitting. Perhaps this was posted here, but i lost a lot of email
> hitting the delete key from the mess of messages on APRSSIG lately.
>
> i discovered that in my haste to get up for the Perseids, i hooked the TNC
> wrong. i was deaf and dumb. i want to get my antenna tuned for the next
> meteor shower.
>
> Wm Seffens
>
> Where is Bill by GPS location using HAM radio on 144.390 MHz: Try
> http://www.findu.com/cgi-bin/find.cgi?kg4eyo or
> http://second.aprs.net/kg4eyo or http://map.aprs.net/kg4eyo
> My regional weather:
> http://www.accessatlanta.com/weather/doppler_radar.html
> HAM station KG4EYO on Atlanta map: http://www.wa4dsy.net/aprs/ga-atl.html
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

145. [propnet] Re: 31 packets in 10 minutes...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 28 Aug 2000 23:21:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105854-2000.08.29-00.32.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:36 PM 8/28/00 -0500, Ben Miller blasted the following out into the ether:
>Earl,
>
>Could you give me a quick setup of UI-View for 53.53? I'm on my Yaesu
>FT-847 5O watts FM, vertical antenna. Using an AEA PK-88. I may not run it
>24/7 but will run it when unattended.
>
>Thanks & 73,

      Ben, I apologize, but I'm a little under the weather and I doubt I
can make any sense just now.

      Ev, would you mind answering this question?

      Thanks,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

146. [propnet] Re: 31 packets in 10 minutes...

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 29 Aug 2000 07:19:38 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105888-2000.08.29-06.27.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
> >Earl,
> >Could you give me a quick setup of UI-View
> >for 53.53? I'm on my Yaesu FT-847 5O watts FM,
> >vertical antenna. Using an AEA PK-88. I may not
> >run it 24/7 but will run it when unattended.
>

> Ben, I apologize, but I'm a little under the weather and I doubt I
> can make any sense just now.
>
> Ev, would you mind answering this question?

Ben & Earl,
Ya know...I *knew* there was something that I forgot to do!
The website has instructions for using UI-View for meteor
work, but not "Standard Mode". I've got to work on those
instructions, and put 'em in writing.

For the most part, the only issues are to make sure that the
station does *not* process RELAY, WIDE, WIDEn-N or TRACEn-N
packets...only HOPn-N (which is another name for TRACEn-N).
Then setup to launch packets using HOP4-4 with the [GR##ID]
method of location determination.

Remember, the idea is to *not* be compatible with the
UNPROTO values found on the 2-meter APRS network (for a
couple of reasons, including the need to assure the channel
doesn't get flooded when the band opens and our collision
domain is several states big) and to keep our packets as
short as possible (for the same reason).

So...here's a good opportunity to collaborate,
BEACONetters! We can do it a couple of ways. I can write
something up over the next couple of days and float it to
the remailer for comment or someone else can do it with the
same intent. I'm supportive either way.

Ev, W2EV

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147. [propnet] Re: 31 packets in 10 minutes...

From: "Ben Miller" <benm@uniplex.com>
Date: Tue, 29 Aug 2000 06:33:29 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-105890-2000.08.29-06.43.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev & Earl,

Thanks for the info and Earl get better!

73

Ben Miller
KC5NFU

-----Original Message-----
From: bounce-propnet-12448@lists.tapr.org
[mailto:bounce-propnet-12448@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
Sent: Tuesday, August 29, 2000 6:20 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: 31 packets in 10 minutes...

Earl Needham wrote:
> >Earl,
> >Could you give me a quick setup of UI-View
> >for 53.53? I'm on my Yaesu FT-847 5O watts FM,
> >vertical antenna. Using an AEA PK-88. I may not
> >run it 24/7 but will run it when unattended.
>
> Ben, I apologize, but I'm a little under the weather and I doubt I
> can make any sense just now.
>
> Ev, would you mind answering this question?

Ben & Earl,
Ya know...I *knew* there was something that I forgot to do!
The website has instructions for using UI-View for meteor
work, but not "Standard Mode". I've got to work on those

instructions, and put 'em in writing.

For the most part, the only issues are to make sure that the
station does *not* process RELAY, WIDE, WIDEn-N or TRACEn-N
packets...only HOPn-N (which is another name for TRACEn-N).
Then setup to launch packets using HOP4-4 with the [GR##ID]
method of location determination.

Remember, the idea is to *not* be compatible with the
UNPROTO values found on the 2-meter APRS network (for a
couple of reasons, including the need to assure the channel
doesn't get flooded when the band opens and our collision
domain is several states big) and to keep our packets as
short as possible (for the same reason).

So...here's a good opportunity to collaborate,
BEACONetters! We can do it a couple of ways. I can write
something up over the next couple of days and float it to
the remailer for comment or someone else can do it with the
same intent. I'm supportive either way.

Ev, W2EV

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---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

148. [propnet] Fwd: [50MHz] VERY EARLY STATESIDE OPENING INTO ZL!!!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 30 Aug 2000 18:16:29 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-106624-2000.08.31-03.10.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MAYBE! KEEP YOUR FINGERS CROSSED!!!

      Earl
____

>From: "ZL3TIC" <zl3tic@mycom.co.nz>
>To: "usa 50hmz reflector" <50mhz@qth.net>,
>   "vhf reflector usa" <vhf@w6yx.stanford.edu>,
>   "vhfskip" <vhfskip@onelist.com>,
>   "vk3ot steve" <electronics@ansonic.com.au>,
>   "vk-vhf" <vk-vhf@pobox.une.edu.au>,
>   "vk-vhf reflector" <vk-vhf@onelist.com>,
>   "zl3adt ross" <zl3adt@xtra.co.nz>, "zl3ne/1 bob" <gyde@ihug.co.nz>,
>   "zl3nw rod" <rod.mackintosh@xtra.co.nz>,
>   "zl3tgc geoff" <geoffc@xtra.co.nz>,
>   "zl3tib murray" <murrayhely@yahoo.co.nz>,
>   "zl3ty" <b_mcquarrie@minidata.co.nz>
>Subject: [50MHz] VERY EARLY STATESIDE OPENING INTO ZL!!!
>Date: Thu, 31 Aug 2000 11:57:31 +1200
>X-Mailer: Microsoft Outlook Express 5.50.3825.400
>Sender: owner-50mhz@qth.net
>Reply-To: "ZL3TIC" <zl3tic@mycom.co.nz>
>
>Aug30 23:48 also hearin a beacon on 50.062 from the US de zf1dc
>(pm3-2-89.dialup.candw.ky)
>Aug30 23:39 sri on 50.110 de zf1dc
>(pm3-4-203.dialup.candw.ky)
>Aug30 23:38 ce3sad into ek99 de zf1dc
>(pm3-4-203.dialup.candw.ky)
>Aug30 23:38 45.2499+ stronger and 45.2603 +/- VK3OT QF12
>()
>Aug30 23:37 45.2396 ZL Vid building in VK3 QF!2 anyine got 46.240 in USA?
>()
>Aug30 23:24 VO1ZA Beacon still comming here s1-2 fluttery mike VE2TH
>(d114-qx101h1-qubc-pdi.attcanada.net)
>Aug30 23:22 worked ce3sad ff46 5x7 into dm41 de kc7mg

>(a23.pm3-67.theriver.com)
>Aug30 23:19 de ZL3TIC XE2EED and W6BYA both in
>(p26-max6.chc.ihug.co.nz)
>Aug30 23:19 ZL3JT reporting on 10M he is on 50.100 with PSK31 looking for US
>qso's OT ry.   ()
>Aug30 23:10 ZL3GS into W6BYA Santa Cruz   ()
>Aug30 23:05 45.2396 ZL video backscatter in VK3 OT   ()
>Aug30 23:05 ZL3TIC ZL4AAA et al into W6 50.110 OT ry for KB6NAN
>()
>Aug30 23:04 ZL's reporting proapagtion to west coast USA OT RY
>()
>Aug30 23:01 LU's into Texas de W5OZI
>(ptp-jct-73.ktc.net)
>Aug30 22:59 LU9EHF FF95 >FM08 5X7 DE K4ZOO
>(dyn22.maxculpeper2.vma.verio.net)
>Aug30 22:59 ZL3TIC, ZL3FOX, ZL4WA 50.110   QRP hr 100W de N6XQ
>(cx289306-a.dt1.sdca.home.com)
>Aug30 22:56 Just worked N6XQ on 50.110 de ZL3TIC VERY EARLY OPENINGS!!!!!
>(p45-max15.chc.ihug.co.nz)
>Aug30 22:48 kb6nan: 50000.0 ZLAUDIO   50740,750,760
>(sub122.southcoast.net)
>Aug30 22:48 ZL audio now 50.750 de K6QXY
>
>
>   Email service@mycom.co.nz
>   Mike Foubister ZL3TIC Grid RE66
>   ==
>   CHRISTCHURCH VHF DX GROUP
>   Club callsign ZL3MUF
>   ZL3SIX/B 50.040Mhz ZL3TEN/B 28.228Mhz
>   Email zl3tic@mycom.co.nz
>   Cristchurch area crossband phone patch
>   Input 144.180Mhz 88.5 subtone, Output 438.800Mhz/
>   New Zealand six metre home page
>   http://www.mycom.co.nz/zl3tic/zl3tic.htm
>   ==
>
>
>
>---
>This list is sponsored by KMA Antennas
>HF - VHF - UHF
>Log periodics & unique 6 meter antennas
>http://www.qsl.net/w4kma
>-
>Moderator: Ray Brown, KB0STN
>owner-50mhz@qth.net
>-
>
>to unsubscribe mail to: majordomo@qth.net
>(In message) unsubscribe 50mhz

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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September 2000

Original source file: propnet.0009
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0009

1. [propnet] Plotting waypoints on the GPS?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 03 Sep 2000 10:34:40 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-107308-2000.09.03-11.59.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With all the talk of the HH3 and all the new features, where do we
stand on the issue of sending waypoints to the GPS? Still on the list, I hope?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: Plotting waypoints on the GPS?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 03 Sep 2000 14:17:31 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-107345-2000.09.03-15.27.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:34 AM 9/3/00 -0600, Earl Needham blasted the following out into the
ether:

>   With all the talk of the HH3 and all the new features, where do we
> stand on the issue of sending waypoints to the GPS? Still on the list, I hope?

      Sorry, all -- I did it again. This should have gone to the HamHUD list.

      Am I the only one that does this???

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
PGP Key ID 0xC3FDA66E

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Good conditions

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 04 Sep 2000 08:10:48 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-107476-2000.09.04-09.20.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Conditions are VERY good this morning, I can hit a repeater over 100
miles away with my mobile STILL IN THE GARAGE.

      So -- take a look at these:

WA7RVV>APW247,WIDE5-5::WA7RVV-4 :thanks{001
WA7RVV>APW247,WIDE5-5::WA7RVV-4 :thanks{001

WA7RVV is a ham in Medical Lake, Washington, around 1180
miles. Unfortunately, no * so I can't really tell how I heard them --
unless I heard them DIRECT? On a 5/8 mag mount on my roof???

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] 2-meter BEACONet

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 04 Sep 2000 15:30:08 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-107534-2000.09.04-14.37.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Everyone,
Over the last weekend, I floated the following note to the Stanford VHF
Listserv. I'm including it here as an fyi. Hopefully, it comes through
formatted ok.

Ev, W2EV

After an initial "advertising email", advertising the ability to setup
an all-amateur tropo propagation tracking system, I followed up with the
following note:

This is a follow-up to a previous message titled "Tropo '00 Experiment
Part 1...".

=== Review ==========
Explore tropospheric enhancements using all-amateur means by setting up
your equipment to periodically transmit your callsign, gridsquare and
eMail address (eMail address is optional). Let the system run 24/7 and
watch your computer screen for DX receptions. The more participants,
the better the system works.

The system is designed to not only *not* interfere with our SSB/CW
operations, but may actually help us to chase DX, as it can warn
participants about enhanced conditions, even if there isn't anyone
active in the SSB sub-band. If participants include their eMail
addresses in their transmissions, DX stations will have a way to try to
setup the SSB contact!

=== A Level-I System Component List =====
To participate, one will need the following:
A 2-meter FM transceiver (yes, FM!)
A vertically polarized antenna (better isolation
  from our horizontally polarized SSB operations)
A computer with a terminal program (like Windows'
  HyperTerminal, etc.)
A standard packet Terminal Node Controller

=== Overview ==========
The Level-I system is the simplest of all. It requires only that
participants keep a grid map handy when they check their computer
screen. As information appears in the terminal window, it is easily
decyphered by eye. It's just that easy!

Here's an example of what one may see:

W2EV>BEACON: <UI>:
[FN03XD] evman@ix.netcom.com

As you can tell, the transmission originated from W2EV, who resides in
gridsquare FN03XD. If you wish to reach them, you can drop them an
eMail at evman@ix.netcom.com. How easy can this get?

Note: there is no digipeating or relaying of any type in a Level-I
configuration.

=== Configuring the Level-I system ==========
=== for packet-familiar operators ==========

1. Reset your TNC to factory default values.
   DO NOT SKIP THIS STEP
2. MYCALL W2EV (substitute YOUR call here)
   Set the TNC Date/Time correctly
   CONOK OFF
   BTEXT [FN03XD] (put YOUR grid there)
   B E #   (for a 10-minute beacon interval)
   HID OFF
3. Power-up your transceiver to 147.585-MHz.
   Your active! Skip to FAQ's below.

=== Configuring the Level-I system ==========
=== for folks who need a little   ==========
=== more help. (more detail than above) =====

1. Get your TNC, computer and transceiver
   communicating with each other. Because
   there are so many different combinations
   of these items, you are on your own here.
   If you need help, use your TNC manual. If
   you've lost it, try http://www.packetradio.com
1a.A note to Kantronics users:
   You will need to enter TERMINAL mode, before
   entering any of the above parameters. You do
   so by typing INTFACE TERM. Additionally,
   KPC owners can operate their TNC's with squelch
   "open" by invoking the command CD SOFT (meaning
   Carrier Detect by internal SOFTware, rather than
   by breaking of the squelch). There are advantages
   to doing so, as you can decode much weaker trans-
   missions this way.

2. If you can do #1 above, then you know enough
   to use the terminal software to follow the
   following steps:
   a. Reset your TNC to factury default settings
      DO NOT SKIP THIS STEP. Most TNC's use the
      command RESET. The Kantronics KPC-models
      use the command RESTORE D.
   b. Set the date and time in your TNC
   c. MYCALL W2EV   (put YOUR call there)
   d. CONOK OFF   (no BBS traffic allowed)
   e. BTEXT [FN03XD] (put YOUR 6-character grid
                       square between the "[ ]"'s)
   f. BEACON EVERY ## (the value used for ## varies
                       from one TNC manufacturer to
                       another. For Kantronics, it
                       is the number of minutes be-
                       tween beacons; enter 10. For
                       MFJ, it is the number of 10-
                       second intervals between be-
                       acons; enter 60. etc).
   g. HID OFF   (no need for this function)

3. Power-up your transceiver (making sure it is
   connected to your vertical antenna, duh <s>) and
   tune it to 147.585-MHz. NOTE: this frequency
   may be in use as a local FM simplex voice
   channel. Observe good amateur practice of RX
   before TX. Be a good neighbor. You may need to
   modify the times in which you participate in the
   experiment so as to not cause ill will to pre-
   sent users of this frequency in your locale.

You are now participating in the Tropo experiment!

=== Frequently Asked Questions ==========
Q: FM packet is not a DX mode. Why go through all of this effort when
it is doomed to failure?
A: Interestingly, FM packet *is* a mode that has been used to chase DX,
including meteor scatter and Es! The fact that is isn't as efficient as

SSB and the variants of CW is countered by the fact that it can be run

24/7 (as in this experiment) to catch and document events that may
otherwise go unnoticed by narrowband operators. By the way, the FCC
believes packet is well worth our attention. There is a question
specifically relating to it in the Amateur question pool.

Q: Why put folks on 147.585-MHz?
A: The idea is not only to probe for band "openings" but also to do so
in support of SSB/CW operations. By putting this experiment at the
"high end" of the 2-meter band, and polarizing the antennas vertically,
there is little -if any- interference between the two.

Q: Why vertical polarization?
A: In addition to the reason cited above (in the far-field, there is 20+

dB of isolation afforded by cross polarizing these activities), it
allows for the simple construction of omni-directional antennas. After
all, what good is it if the band is open off the "back" of your beam?
:o)

Q: How much RF output power does it take to participate?
A: The more the better. It's just that easy.

Q: Can I listen-only? I have TVI problems I have to contend with.
A: Certainly. In that case, simply substitute BEACON EVERY 0 where
appropriate. You are encouraged to put even minimal RF out, if
possible, though. The system won't work if everyone is listening. :o)

Q: This seems like the APRS(tm) system. Is it?
A: It is based on research that started as folks observed long-distance
propagation on the APRS network. However...the APRS network is not
configured to study long-distance propagation. This system (called
BEACONet, by the way) is specifically designed with propagation study in

mine, and exists on an entirely different channel than does the APRS
system. Additionally, BEACONet doesn't require any special software to
run, when being used as a Level-I system.

Q: Does that mean there is a Level-II system?
A: Yes. That is the subject of the next part. The Level-II
participants use Windows-based software that will not only decode
transmissions, but display an icon on a map that corresponds to the
location of the originating station! Level-II participants can see,
graphically, if the band is open! Best of all...the software is
honor-ware; fully functional as downloaded. The author asks for a
simple $15 to register it...and even that can be done on-line! More to
come shortly.

Q: Is there an eMail remailer that caters to folks involved in this
experiment?
A: Yes. You can sign-up by visiting:
http://www.tapr.org/cgi-bin/lyris.pl?site=tapr&join=propnet (this
service used to be called PropNET, but is now better described as
BEACONet) It is very low volume but high quality (very little "noise").
Additionally, be sure to post any DX right here, on the Stanford VHF
listserv too! Others may be encouraged to join-in as the tropo season
developes.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] new subscriber--K7RR

From: Cliff Buttschardt <cbuttsch@slonet.org>
Date: Mon, 04 Sep 2000 23:09:12 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-107560-2000.09.04-18.05.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all. Glad to be with you on this list. First order of
business is to let everyone know that even though I have a K7
call, I am in Morro Bay, Calif (CM95ni). So many times in
the past, I have missed contacts where the other end assumes
K7RR must be located in Oregon, Washington or Nevada! 73 all
Cliff Buttschardt K7RR ex W6HDO
950 PAcific St.
Morro Bay, CA 93442

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: Interesting Packet

From: James Smith <k9apr@tawg.org>
Date: Wed, 06 Sep 2000 05:16:16 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR PropNET Remailer <propnet@lists.tapr.org>
Message-ID: <LYR1548-107885-2000.09.06-05.27.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is mostly for Doug (KB8GVQ) but I thought would share with all on
the list, if you didn't like what you seen than hit delete now.

" Received Time 04:26:31am Cdt "
KB8GVQ-15>K9XT-3*>WIDE>ID:KB8GVQ-15/R
KB8GVQ-15>K9XT-3>WIDE*>ID:KB8GVQ-15/R
KB8GVQ-15>K9XT-3>WA9RDF-10*>ID:KB8GVQ-15/R
KB8GVQ-15>K9XT-3>K8SCH-10*>ID:KB8GVQ-15/R

K9XT-3 is in Anderson, Indiana 30 miles NE of Indianapolis
WA9RDF-10 is located in Franklin, In 20 miles S-SE of Indy
K8SCH-10 is in Cincinnati, Oh 65 miles SE of New Castle, In which is
where I'm located at.

Yet Another one.
" Received Time 0:31:52am Cdt "
N8IT-14>WA9RES>N9UWE*>BEACON:!4528.85NN08457.08W#PHG5530/A=1350/ Boyne
Highlands, Mi. APRS Digi

WA9RES is located in Champaign, Il 404.36 miles SW of N8IT-14 location
nice trip don't you think.
N9UWE is located in Foster, In 33.64 miles E of WA9RES location.

I'm posting this one just because I liked how many different directions
this packet took.
" Received Time 02:38:58am Cdt "
VE3RPT>VE3UPS>KB8GVQ-15>K1DE-5>KB8GVQ-13>KC6ETE-3*>TRACE7-2>APRS:!4401.80NN07904.50W#PHG4641/W-R-T
TFMCS. Aprs Digi.

Doug can feel you in on the directions if he wants. KC6ETE-3 is in
Muncie, In 45 miles NE of Indy.

If your interested in seeing how your unproto path, goes check this site
out.
http://64.34.101.121/cgi-bin/rawposit.cgi?call=kb8gvq-15&start=96&length=96

Where you see KB8GVQ-15 in red highlight it and plug your callsign, now
where you see start and length 96 in red you can highlight and change
the values from 12-360 . Enjoy !!!!

73, James, K9APR
Chairman / Coordinator
Tri-State APRS Working Group
http://www.tawg.org

7. [propnet] Re: Interesting Packet

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 06 Sep 2000 09:13:19 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-107899-2000.09.06-08.21.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WOW! This is GREAT! Can anyone else see the power of this type of
system for propagation plotting? Is this the FindU system, Jim?

Ev, W2EV

James Smith wrote:

> This is mostly for Doug (KB8GVQ) but I thought would share with all on
> the list, if you didn't like what you seen than hit delete now.
>
> " Received Time 04:26:31am Cdt "
> KB8GVQ-15>K9XT-3*>WIDE>ID:KB8GVQ-15/R
> KB8GVQ-15>K9XT-3>WIDE*>ID:KB8GVQ-15/R
> KB8GVQ-15>K9XT-3>WA9RDF-10*>ID:KB8GVQ-15/R
> KB8GVQ-15>K9XT-3>K8SCH-10*>ID:KB8GVQ-15/R

> K9XT-3 is in Anderson, Indiana 30 miles NE of Indianapolis
> WA9RDF-10 is located in Franklin, In 20 miles S-SE of Indy
> K8SCH-10 is in Cincinnati, Oh 65 miles SE of New Castle, In which is
> where I'm located at.
>
> Yet Another one.
> " Received Time 0:31:52am Cdt "
> N8IT-14>WA9RES>N9UWE*>BEACON:!4528.85NN08457.08W#PHG5530/A=1350/ Boyne
> Highlands, Mi. APRS Digi
>
> WA9RES is located in Champaign, Il 404.36 miles SW of N8IT-14 location
> nice trip don't you think.
> N9UWE is located in Foster, In 33.64 miles E of WA9RES location.
>
> I'm posting this one just because I liked how many different
> directions this packet took.
> " Received Time 02:38:58am Cdt "
> VE3RPT>VE3UPS>KB8GVQ-15>K1DE-5>K
> 8GVQ-13>KC6ETE-3*>TRACE7-2>APRS:!4401.80NN07904.50W#PHG4641/W-R-T
> TFMCS. Aprs Digi.
>
> Doug can feel you in on the directions if he wants. KC6ETE-3 is in
> Muncie, In 45 miles NE of Indy.
>
> If your interested in seeing how your unproto path, goes check this
> site out.
> http://64
> 34.101.121/cgi-bin/rawposit.cgi?call=kb8gvq-15&start=96&length=96
>
> Where you see KB8GVQ-15 in red highlight it and plug your callsign,
> now where you see start and length 96 in red you can highlight and
> change the values from 12-360 . Enjoy !!!!
>
> 73, James, K9APR
> Chairman / Coordinator
> Tri-State APRS Working Group
> http://www.tawg.org
>
>
>

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] Re: Interesting Packet

From: James Smith <k9apr@tawg.org>
Date: Wed, 06 Sep 2000 13:34:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-107953-2000.09.06-13.45.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Ev, Everyone else,

"Evhen Tupis (W2EV)" wrote:

> WOW! This is GREAT! Can anyone else see the power of this type of
> system for propagation plotting? Is this the FindU system, Jim?

Your correct this is part of the FindU system, really you must thank Earl
KD5XB he posted this address several months ago to the APRSSig. So that is
when I started experimenting plugging other callsign into it. Have to say
Steve K4HG really out did himself on this one.

> Ev, W2EV
>
> >
> http://6434.101.121/cgi-bin/rawposit.cgi?call=kb8gvq-15&start=96&length=96

73, James

9. [propnet] Re: Interesting Packet

From: James Smith <k9apr@tawg.org>
Date: Wed, 06 Sep 2000 13:43:54 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-107956-2000.09.06-13.54.04--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Oop's I re-typed address and forgot the peroid between the 64 and 34. It
is now corrected below. Enjoy !!!

>> >
>> http://64.34.101.121/cgi-bin/rawposit.cgi?call=kb8gvq-15&start=96&length=96
>
73, James

10. [propnet] [Fwd: All Amateur Tropt Exeperiment Info]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Thu, 07 Sep 2000 07:09:05 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108062-2000.09.07-06.13.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Again, fyi. This is a note recently floated to the VHF remailer at
Stanford. Let's hope we get some more takers. The tropo season is upon
us!
Ev, W2EV

11. [propnet] 147.585, beaconing now

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Fri, 8 Sep 2000 8:1:33
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108227-2000.09.08-08.08.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KJ4X in EM84pw, Pickens, SC, is beaconing
on 147.585 mHz northward with 50 watts out
to LHCP antenna.
Will try to keep it up as long as possible,
especially mornings.

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] Re: 147.585, beaconing now

From: "Bob Lovell" <kc0efc@amsat.org>
Date: Fri, 8 Sep 2000 10:14:25
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108244-2000.09.08-10.21.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ditto... KC0EFC is also beaconing 147.585 - EM28ns - Spring Hill, KS
Cushcraft 10db gain antenna aimed north, Kenwood TMV7a-50 watts.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

13. [propnet] Fwd: AstroAlert: Middle Latitude Auroral Activity Watch - 06 Sept.

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 08 Sep 2000 16:43:16 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108277-2000.09.08-18.11.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Middle Latitude Auroral Activity Watch - 06 Sept.
>To: sun-earth@skypub.com
>Date: Wed, 6 Sep 2000 13:15:27 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   06 September 2000
>
>   ** Middle Latitude Auroral Activity WATCH for 07-09 September **
>
>   On 04 September, a large solar filament (a large string of gas suspended

>above the surface of the Sun by powerful magnetic fields) erupted from the
>Sun and produced a partial halo coronal mass ejection. This disturbance,
>which was directed at least partially toward the Earth, may have impacted the
>Earth near 17:03 UTC today (06 September). The arrival of this disturbance
>was originally not anticipated until 07 September. It's early arrival attests
>to the higher than anticipated velocity of the disturbance - assuming this
>disturbance is not being confused with another unnoticed disturbance.
>
>   Auroral activity is expected to intensify to possible storm levels over
>the next 24 to 48 hours. A middle latitude auroral activity watch has
>therefore been issued for a line extending roughly north of the line that
>runs from northern Washington state to southern Montana to South Dakota to
>Northern Iowa to northern Illinois to northern Indiana to Ohio to northern
>West Virginia to dark sky sites of New Jersey (New Jersey may be an extreme
>southern locale for observing activity due to high light pollution, and then
>only *if* stronger substorming materializes).
>
>   Optimal observation conditions will exist near and after local midnight
>when the moon begins setting and light levels from the moon drop. The moon
>should set between 1 and 2 am local time for most regions.
>
>   Auroral activity may first become visible over potentially widespread
>middle latitude regions during the evening and early morning hours of
>6/7 September. Activity may also extend into the evening and early morning
>hours of 7/8 September (UTC days of 6 through 8 September).
>
>   Please report observations of auroral activity to the global Auroral
>Activity Observation Network (http://www.spacew.com/aurora-net) using the
>form page at: http://www.spacew.com/aurora-net/submitsighting.html so
>they can be archived for future study.
>
>   Additional resources of near-realtime auroral activity may be found at:
>http://www.spacew.com/www/aurora.html
>
>
>** End of AstroAlert **

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14. [propnet] Tropo Experiment '00: A Level-I System

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sat, 09 Sep 2000 09:46:25 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108355-2000.09.09-08.51.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

BEACONet success!
The following were received by me overnight last night:
W8SR-3 @ 503km!
AF3O @ unknown dx...no grid locator in the beacon :o(

This system works, folks! Dust off those TNC's and let use 'em to to
study the invisible world of tropospheric propagation around you! It's
easy, It's fun, It's non-fattening!

Ev, W2EV
[Attachment: Tropo Experiment-Level I.txt; text/plain; 1,012 bytes]

15. [propnet] [Fwd: Tropo Experiment '00: A Level-I System]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sat, 09 Sep 2000 09:57:24 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108357-2000.09.09-09.01.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Again, this is FYI. I've been trying to drum-up interest across the
continent. Join-in, lurkers! :o) Ev, W2EV
[Attachment: Tropo Experiment-Level I.txt; text/plain; 1,012 bytes]

16. [propnet] [Fwd: 147.585]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sun, 10 Sep 2000 08:15:46 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108511-2000.09.10-07.20.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
I'm forwarding this note to let you know that interest is certainly
building for support of the BEACONet/PropNET "Tropo 2000 Experiment".
If there are any lurkers in the Northeast, here's your chance to have
something show-up on your screen...time to power-up! :o)

Gene is on-the-air using the "Level-I" system that I described in
earlier posts...simply a TNC w/o UI-View...and the need to check MHEARD
from time-to-time to see what got caught. I thought I'd ease folks into
the whole concept with a system that they can use simply, and it appears
to be working. The way I figgure it...if we can get enough TNC's dusted
off and operating...there will be real icons to plot once we float the
UI-View software based "Level-II" system...*then* watch the excitement
build! :o)

Ev, W2EV
On-the-air from FN03 - Western New York
147.585-MHz

17. [propnet] Re: [Fwd: 147.585]

From: Cliff Buttschardt <cbuttsch@slonet.org>
Date: Sun, 10 Sep 2000 16:12:40 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108531-2000.09.10-11.09.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If any of you know of any activity here in the West, I would
like to know of it. Further, if anyone can outfit a station
in Hawaii on 147.585, I'd be glad to operate with you from
Central California.   Cliff K7RR CM95 Morro Bay, CA

Evhen Tupis wrote:
>
> Hi Folks,
> I'm forwarding this note to let you know that interest is certainly
> building for support of the BEACONet/PropNET "Tropo 2000 Experiment".
> If there are any lurkers in the Northeast, here's your chance to have
> something show-up on your screen...time to power-up! :o)
>
> Gene is on-the-air using the "Level-I" system that I described in
> earlier posts...simply a TNC w/o UI-View...and the need to check MHEARD
> from time-to-time to see what got caught. I thought I'd ease folks into
> the whole concept with a system that they can use simply, and it appears
> to be working. The way I figgure it...if we can get enough TNC's dusted
> off and operating...there will be real icons to plot once we float the
> UI-View software based "Level-II" system...*then* watch the excitement
> build! :o)
>
> Ev, W2EV
> On-the-air from FN03 - Western New York
> 147.585-MHz
>
>   ---
>
> Subject: 147.585
> Date: Sun, 10 Sep 2000 05:32:41 -0400
> From: "Gene Harriman" <n1eh@capecod.net>
> To: <evman@ix.netcom.com>
>
> Hello Ev!
>
> TNC now configured for TROPO-PROPO 2000! Beacon set to 10 mins. I
> configured the BT just like you posted. Catchya on the air!
>
> 73
>
> Gene Harriman
> N1EH
> Plymouth, MA USA.
> FN41px

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] 2 meter opening last night

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Mon, 11 Sep 2000 20:25:57 +0000

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-108819-2000.09.11-19.35.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Copied KD4ZB-3 421 miles away in Farmville, VA here at WA1LOU-15 on 144.39
MHz. Other DX stations in Virginia were also copied, but KD4ZB-3 was the
best DX. This was the first real big opening copied here all summer long...
which is very atypical!

Stan, WA1LOU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Fwd: [nwtx-ares] Fw: Spectacular Solar Eruption on Sept 12, 2000

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 12 Sep 2000 22:19:52 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109015-2000.09.12-23.41.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>X-eGroups-Return:
>sentto-1859586-109-968818571-kd5xb=amsat.org@returns.onelist.com
>To: <nwtx-ares@egroups.com>
>X-Mailer: Microsoft Outlook Express 5.50.4133.2400
>From: "Ben Pollard" <ws5r@arrl.net>
>Mailing-List: list nwtx-ares@egroups.com; contact nwtx-ares-owner@egroups.com
>Delivered-To: mailing list nwtx-ares@egroups.com
>List-Unsubscribe: <mailto:nwtx-ares-unsubscribe@egroups.com>
>Date: Tue, 12 Sep 2000 22:16:52 -0500
>Reply-To: nwtx-ares@egroups.com
>Subject: [nwtx-ares] Fw: Spectacular Solar Eruption on Sept 12, 2000
>
>--------------------------- eGroups Sponsor ---------------------------~-~>
>eGroups eLerts
>It's Easy. It's Fun. Best of All, it's Free!
>http://click.egroups.com/1/9067/9/_/_/_/968818571/
>---_->
>
>
>----- Original Message -----
>From: "SpaceWeather.com" <express@spacescience.com>
>To: "Space Science News" <sciencenews@spacescience.sparklist.com>
>Sent: Tuesday, September 12, 2000 10:04 PM
>Subject: Spectacular Solar Eruption on Sept 12, 2000
>
>
> > Space Weather News for Sept 12, 2000
> > http://www.spaceweather.com
> >
> > On Tuesday, Sept. 12, less than 24 hours after the sunspot number plunged
> > to its lowest value of the year, the Sun unleashed a surprising full-halo
> > coronal mass ejection (CME). The leading edge of the CME could reach
> > Earth on Thursday, Sept 14. Forecasters estimate a 30% chance of severe
> > geomagnetic disturbances (possibly including aurora) at middle latitudes
> > when the shock front arrives.
> >
> > For more information and images, please visit http://spaceweather.com
> >
> > SpaceWeather.com
>
>
>
>
>To send a message simply send email to:
>nwtx-ares@egroups.com
>
>To unsubscribe from this group, send an email to:
>nwtx-ares-unsubscribe@egroups.com

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20. [propnet] Fwd: [clovis_nm_astronomy] AstroAlert: Aurora Warning Issued following Large Solar Eruption

From: Earl Needham <kd5xb@amsat.org>
Date: Wed, 13 Sep 2000 07:44:43 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109082-2000.09.13-08.54.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   12 September 2000
>
>   ** Major Earthward-directed Coronal Mass Ejection Detected **
>   ** Middle Latitude Auroral Activity WARNING for 14-15 September **
>   ** Category S2 Solar Radiation Storm Alert **
>
>   Between approximately 11:30 and 13:30 UTC on 12 September (7:30 am and
>9:30 am EDT), a large and dense solar filament erupted from the Sun and
>produced a large solar Hyder flare in the process. The filament that erupted
>measured approximately 280,000 kilometers (or 175,000 miles) in length before
>it erupted. The string of gas that erupted would have stretched almost three
>quarters of the way from the Earth to the Moon and could have been wrapped
>completely around the Earth 7 times. Complete details concerning this solar
>event, with accompanying imagery is available at:
>http://www.spacew.com/astroalert.html
>
>   This energetic solar event has spawned a satellite proton event. Such
>events are produced when energetic protons are accelerated by the flare
>and/or by the rapidly expanding coronal mass ejection shock front. At the
>Earth, a rapid increase in the density of these energetic protons has been
>observed. Already, these protons are producing intense ionization in the
>lower levels of the Earth's polar ionosphere which is hampering the
>communications of high frequency radio waves through the polar and high
>latitude regions (this phenomenon is known as Polar Cap Absorption).
>The incoming energetic solar protons do NOT pose a radiation hazard to anyone
>on the Earth.
>
>   Radiation levels will be slightly elevated for the astronauts who might
>be performing EVAs on the International Space Station over the next 24 to 48
>hours, but the levels of radiation exposure will not be hazardous and are not
>expected to reach hazardous levels even during EVAs. Proton induced radiation
>levels are expected to gradually decline throughout the next 24 hours and
>return to near background levels by 15 September.
>
>   A moderately strong interplanetary disturbance resulting from the impact
>of the coronal mass ejection with the Earth's magnetosphere is expected on
>14 September. Along with possible minor to major geomagnetic storm
>conditions, there is expected to be periods of minor to major auroral
>storming. Widespread displays of aurora may become visible throughout many
>middle latitude dark-sky sites. Unfortunately, the moon reaches full phase on
>13 September and therefore will be a significant hinderance to viewing
>activity from most regions. Nevertheless, a middle latitude auroral activity
>warning has been issued for the 14-16 September time frame, with emphasis on
>the UTC days of 14 and 15 September. The full text of the warning is appended
>below.
>
>   We have established a simple web-based Discussion Forum for those who
>are interested in discussing aurora or space weather related topics, or for
>those seeking advice. The URL is:
>
>   http://www.spacew.com/aurora/forum.html
>
>   Anyone who is using the STD Aurora Monitor software package can use the
>software to participate in the forum. All comments submitted via the software
>will appear on the web-based forum. Similarly, all comments submitted by
>users of the web-based forum will appear to those running the software.
>
>   ANY SUSPECTED OBSERVATIONS OF AURORAL ACTIVITY SHOULD BE REPORTED TO:
>   http://www.spacew.com/www/subaurora.html
>
>   All reports are permanently archived for future use and study. Current
>real-time sighting reports may be found using the aforementioned software or
>through the following web address:
>
>   http://www.spacew.com/www/auroras.html
>
>

>** End of AstroAlert **
>==
>AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
>State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to
>AstroAlert subscribers. If you feel you received it in error, or
>to unsubscribe from AstroAlert, please see our unsubscribe form
>at http://www.skypub.com/news/astroalert/unsubscribe.html or send
>a plain-text e-mail to majordomo@skypub.com with the following
>line (and nothing else) in the body of the message:
>unsubscribe sun-earth e-mail@address.com
>replacing "e-mail@address.com" with your actual e-mail address.
>==

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21. [propnet] Re: [aprssat] RE: PROPNET & APRS

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Wed, 13 Sep 2000 13:19:53 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: Bob Bruninga <wb4apr@amsat.org>, propnet@lists.tapr.org
Message-ID: <LYR1548-109147-2000.09.13-15.27.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've just acquired a NEC Mobile Pro 770 computer. This tiny device was
gotten primarily for traveling while keeping in touch via E-mail. When
not on the road I would like to use the unit for use with PROPNET and
alternately with APRS in a fixed location not requiring a GPS input.
     Question: This unit uses Windows CE. Can this unit be programmed
with the usual TNC2 commands to allow propnet operation? These are:
mycall, conck, btext (with grid square and e-mail address), beacon, hid.
     Second question: Is there any APRS program, even APRS-MIN that will
work? I seem to recall a newsgroup indicating that a special program was
required for APRS operation using CE. I am aware that only memory storage
is available, no disk drives, but maybe the 32K provided would be enough.
     Any help would be appreciated as there must be many of these units
around in need of a permanent home!   Cliff K7RR

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22. [propnet] Re: PROPNET & APRS

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 14 Sep 2000 07:09:06 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: Bob Bruninga <bruninga@nadn.navy.mil>
Message-ID: <LYR1548-109231-2000.09.14-06.15.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I've just acquired a NEC Mobile Pro 770 computer. When
> not on the road I would like to use the unit for use with PROPNET and
> alternately with APRS in a fixed location not requiring a GPS input.
>   Question: This unit uses Windows CE. Can this unit be programmed
> with the usual TNC2 commands to allow propnet operation?

Great question...there is a Windows CE beta of APRS software
available. I think it's on the TAPR website for download.
Of course, since BEACONet/PropNET and APRS share the
[GR##ID] protocol, the only other question is if the WinCE
APRS program has been written to support it, too. I don't
know the answer to that. Here's what I'd suggest...

0. Download APRS WinCE and play with it on the APRS service
to become familiar with it, learning the following things:
   a. Does it support an RX-only mode?
      - one could manually configure the TNC to transmit
        [GR##ID] formatted packets, if so.
   b. Can one configure it to launch [GR##ID] packets by
      adjusting an internal setting to do so?
      - no need to manually configure anything.
   c. Does it support the decoding of the [GR##ID] protocol?
      - without this, the program isn't much use on
BEACONet.
   d. Does it support a user-editable TNC init file and exit

file?
      - this could automate the manual configuration noted
in "a."

Please, let us know what you find, Cliff! I have no way to
test it myself, and I'd bet that others would be interested
to learn your results, too.

Ev, W2EV

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23. [propnet] Re: PROPNET & APRS

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Thu, 14 Sep 2000 10:06:35 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: Bob Bruninga <bruninga@nadn.navy.mil>
Message-ID: <LYR1548-109266-2000.09.14-12.14.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev, Bob and the group. Good reply and even better questions! The idea of
supporting both APRS and PropNet using a TNC is exactly what I was after.
I would not be unhappy if the unit did not decode grid squares----just
print them as a packet and I will determine the location.
     I got a reply that WinCE for APRS is on the TAPR website somewhere.
The best he could remember is the program name Build777 or Build806 or
something similar. I'll try again to find a CE program there.
     Last night I ran into something that may discard the entire effort.
It appears that the date can not be set to year 2000. If the time stamp
is given by the TNC program, then were just fine. If the time and date is
gotten from the computer, then I'm afraid the NEC Mobile Pro 770 will not
be of much use other than as a terminal while traveling. 73 Cliff K7RR

On Thu, 14 Sep 2000, Ev Tupis (W2EV) wrote:

> > I've just acquired a NEC Mobile Pro 770 computer. When
> > not on the road I would like to use the unit for use with PROPNET and
> > alternately with APRS in a fixed location not requiring a GPS input.
> >   Question: This unit uses Windows CE. Can this unit be programmed
> > with the usual TNC2 commands to allow propnet operation?
>
> Great question...there is a Windows CE beta of APRS software
> available. I think it's on the TAPR website for download.
> Of course, since BEACONet/PropNET and APRS share the
> [GR##ID] protocol, the only other question is if the WinCE
> APRS program has been written to support it, too. I don't
> know the answer to that. Here's what I'd suggest...
>
> 0. Download APRS WinCE and play with it on the APRS service
> to become familiar with it, learning the following things:
>   a. Does it support an RX-only mode?
>   - one could manually configure the TNC to transmit
>   [GR##ID] formatted packets, if so.
>   b. Can one configure it to launch [GR##ID] packets by
>   adjusting an internal setting to do so?
>   - no need to manually configure anything.
>   c. Does it support the decoding of the [GR##ID] protocol?
>   - without this, the program isn't much use on
> BEACONet.
>   d. Does it support a user-editable TNC init file and exit
> file?
>   - this could automate the manual configuration noted
> in "a."
>
> Please, let us know what you find, Cliff! I have no way to
> test it myself, and I'd bet that others would be interested
> to learn your results, too.
>
> Ev, W2EV
>
>
> ---
> You are currently subscribed to propnet as: cbuttsch@slonet.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

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24. [propnet] Re: PROPNET & APRS

From: Bob Bruninga <bruninga@nadn.navy.mil>
Date: Thu, 14 Sep 2000 16:29:30 -0400 (EDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Message-ID: <LYR1548-109281-2000.09.14-15.37.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 14 Sep 2000, Clifford Buttschardt wrote:

> Last night I ran into something that may discard the entire effort.
> It appears that the date can not be set to year 2000. If the time stamp
> is given by the TNC program, then were just fine. If the time and date is
> gotten from the computer, then I'm afraid the NEC Mobile Pro 770 will not
> be of much use other than as a terminal while traveling. 73 Cliff K7RR

ALl APRS formats (excepts for WinAPRS positionless WX) do not use the
YEAR at all. SO set it to any year you want, and APRSdos anyway, wont
care a hoot...

bob

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25. [propnet] Tropo Opening

From: "Ben Pollard" <ws5r@arrl.net>
Date: Thu, 14 Sep 2000 17:06:43 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109298-2000.09.14-19.13.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had a slight tropo opening last nite and bagged the following:

>From Alabama, appr. 850 miles
W4JWK>AP0922,KB5WIO-7*,WIDE4:=3337.86N/08647.65WyPHG0000 APRS+SA
http://www.huttogolden.com

>From TN, appr. 700 miles
WA4MJM-7>SUPY7P,KD4TJN-3,LTROCK,CLRMRE,ETULSA,WS5R-3*:'uK]l!
>/]"57}FayetteCountyARES

>From MS, appr. 750 miles.
AB5WF>BEACON,K5ZRO,WB5KRH-5,WIDE3*:!3219.73N/09010.82W#PHG7460 Jackson, MS
ARC Digi

Everything else was the normal 500-600 mile area in 6 states.

73,
Ben
WS5R

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26. [propnet] Re: Tropo Opening

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 14 Sep 2000 19:06:44 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109322-2000.09.14-22.01.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:06 PM 9/14/00 -0500, Ben Pollard blasted the following out into the
ether:
>Had a slight tropo opening last nite and bagged the following:

I WONDERED why you didn't message me on the way to and from Lubbock! <G>

Seriously, I knew the band was hot when my mobile got into Smyer
DIRECT from here in Clovis. It was still pretty good this morning, but I
didn't have time to operate...

7 3
Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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27. [propnet] Re: Tropo Opening

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 15 Sep 2000 06:24:55 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109410-2000.09.15-06.21.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
> Ben Pollard blasted the following out into the ether:
> >Had a slight tropo opening last nite and bagged the following:
> I WONDERED why you didn't message me on the way to and from Lubbock! <G>
>
> Seriously, I knew the band was hot when my mobile got into Smyer
> DIRECT from here in Clovis. It was still pretty good this morning, but I
> didn't have time to operate...

I'm getting kind of tired of the northeast weather
patterns. We seem to be under a dome of cool, unstable air
this summer. Only two openings of note so far. Thanks for
the report, guys! It reminds me just how interesting this
propagation stuff can be...at the strangest times of the
year. :o)
Ev, W2EV

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28. [propnet] APRS4WinCE was:[Re: PROPNET & APRS]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 15 Sep 2000 06:30:56 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109411-2000.09.15-06.23.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cliff,
I visited the TAPR site and guess what I found? No link to
the WinCE version of APRS! So I did a little "rooting"
around and found it another way. Try this link:
ftp:///ftp.tapr.org/aprssig/wince/

Please, let us know how you do. I don't have a WinCE device
to try (I was going to buy the IBM...I think it was
something like the Model 50 with a full-screen LCD, but it
got discontinued).

Ev, W2EV

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29. [propnet] Re: PROPNET & APRS

From: James Smith <k9apr@tawg.org>
Date: Fri, 15 Sep 2000 12:55:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109485-2000.09.15-13.07.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Cliff,

Clifford Buttschardt wrote:

> Ev, Bob and the group. Good reply and even better questions! The idea of
> supporting both APRS and PropNet using a TNC is exactly what I was after.
> I would not be unhappy if the unit did not decode grid squares----just
> print them as a packet and I will determine the location.
>   I got a reply that WinCE for APRS is on the TAPR website somewhere.
> The best he could remember is the program name Build777 or Build806 or
> something similar. I'll try again to find a CE program there.

Look no further, you can visit http://www.tapr.org/~aprsce/ this is the
homepage for the WinCe APRS, I have a mirrored site to the CE page at
http://www.tawg.org/aprsce.htm . Enjoy !!!

73, James, K9APR
Chairman / Coordinator
Tri-State APRS Working Group
http://www.tawg.org

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30. [propnet] Fwd: AstroAlert: Earth-directed CME prompts Aurora Warning for 19 Sept

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 17 Sep 2000 02:32:51 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109771-2000.09.17-03.47.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Earth-directed CME prompts Aurora Warning for 19 Sept
>To: sun-earth@skypub.com
>Date: Sat, 16 Sep 2000 22:00:59 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   17 September 2000
>
>   ** Major Solar Flare Associated CME is directed Earthward **
> ** Middle Latitude Auroral Activity Warning Issued for UTC day of 19 Sept **
>
>NOTICE:
>
>   A major solar flare (x-ray class M5.9, optical size 2B [Brilliant in
>hydrogen-alpha]) erupted from a rapidly developing sunspot region at 04:26
>UTC on 16 September. This major flare was associated with a full halo coronal
>mass ejection that is directed Earthward. The Earth's magnetosphere is
>expected to observe a nearly head-on collisional impact by this solar
>disturbance sometime during the UTC day of 19 September. The impact of this
>disturbance has the potential to produce some moderately strong levels of
>auroral activity over the high and dark-sky middle latitude regions. Although
>this probably won't be a huge storm, it should be strong enough to permit
>widespread observations of activity over many middle latitude regions.
>
>   For North Americans, the time to begin watching for potential activity
>will be during the early evening hours of 18 September (which coincides with
>the early part of the UTC day of 19 September), and particularly during the
>early morning hours of 19 September. There is a chance the arrival of this
>disturbance may be too late for North American observers to spot very much
>activity prior to morning twilight. If that occurs, the bulk of activity may
>be observed over Russia, Europe and Australia/New Zealand. But there is a
>slight chance activity may linger long enough to permit a few middle latitude
>observations during the evening hours of 19 September over North America.
>

>   The phase of the moon on 18 and 19 September will still hamper attempts
>to view the fainter details of auroral activity from the middle latitudes,
>but its later rise times (near 11 pm local time) will permit the skies to
>reach astronomically dark levels for about an hour or two prior to moonrise
>in the evening hours of 18 and 19 September. Observations during the evening
>and prior to about 1 am local time should be optimal for most regions, given
>the rise-time and current phase of the moon.
>
>   The active sunspot region which produced yesterdays major solar flare is
>beginning to show signs of decay, but may still be capable of producing an
>additional major flare over the next several days.
>
>   ANY SUSPECTED OBSERVATIONS OF AURORAL ACTIVITY SHOULD BE REPORTED TO:
>   http://www.spacew.com/www/subaurora.html
>
>   All reports are permanently archived for future use and study. Current
>real-time sighting reports may be found using the aforementioned software or
>through the following web address:
>
>   http://www.spacew.com/www/auroras.html
>
>   A simple web-based Discussion Forum has been established for those who
>are interested in discussing aurora or space weather related topics, or for
>those seeking advice. The URL is:
>
>   http://www.spacew.com/aurora/forum.html
>
>   Anyone who is using the STD Aurora Monitor software package can use the
>software to participate in the forum. All comments submitted via the software
>will appear on the web-based forum. Similarly, all comments submitted by
>users of the web-based forum will appear to those running the software.\
>
>
>---------------
>
>   To remove yourself from this list, send an e-mail to:
>majordomo@skypub.com containing the command: unsubscribe sun-earth
>as the BODY of the message. Make certain your e-mail to majordomo is not
>encoded in HTML format. If it is, your attempt to unsubscribe will fail.
>
>   To receive help on how to change your e-mail subscription, send an
>e-mail to majordomo@skypub.com and include as the body of the message the
>command: help
>
>
>** End of AstroAlert **
>===
>AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
>State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to
>AstroAlert subscribers. If you feel you received it in error, or
>to unsubscribe from AstroAlert, please see our unsubscribe form
>at http://www.skypub.com/news/astroalert/unsubscribe.html or send
>a plain-text e-mail to majordomo@skypub.com with the following
>line (and nothing else) in the body of the message:
>unsubscribe sun-earth e-mail@address.com
>replacing "e-mail@address.com" with your actual e-mail address.
>===

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31. [propnet] Re: [ui-view] UI-View V2.25 beta update available

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 17 Sep 2000 15:19:28 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109820-2000.09.17-14.30.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Roger !!!! (can you feel my excitement?) :o)
Your announcement (snipped below) is one of the most
f-a-n-t-a-s-t-i-c pieces of news to hit the BEACONet/PropNET
project in a long time (actually...since you included Meteor
Mode <g>)!

> "If the unproto path of a frame received on RF contains the alias
> NOGATE or RFONLY, UI-View won't pass the frame to the internet.

Why is this such a big deal to us propagation
experimenters? Because BEACONet can also be used to track
contest/radiosport rovers in their travels!

The biggest stumbling block to using the BEACONet system
(that APRS cousin I've referred to before) for rovers
(mobile contesting stations) during contests is the fact
that digipeating and Internet have been expressly prohibited
from being used to support ones' radiosporting/contesting
activity. Previously, the launching station had no control
(or even a way to attempt to control) their packets to
keep them from ending up on the Internet...even though
they *could* keep from being digipeated.

Roger...this is going to "bust this thing wide open" in
North America...they just don't know it yet! Now to start
my work of informing the powers that be.

Once again...thank you for your support of our facet of the
hobby! You're sure one of the good guys! :o)

Warmly
Ev, W2EV

PS: a note to folks on the BEACONet/PropNET listserve...when
this comes out of Beta, I will put it on the
website...complete with the "floppy" version. This is a
major jump in BEACONet function! Since UI-View is used
almost exclusively in our service...all Rovers need to do is
make their UNPROTO include the term RFONLY at the end and
they are in complete ARRL rules compliance!

example:
UNPROTO CQ VIA RFONLY
will cause a rover with attached GPS to launch a frame that
looks like this:
K1ZZZ>CQ,RFONLY:...lat/lon GPS info which will be neither
digipeated nor will it go to the Internet APRServ system
through any other UI-View user on the frequency!

This is truly exciting! Thanks Roger!

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

32. [propnet] Re: propnet digest: September 11, 2000

From: "The Kirsteins" <obskds@attcanada.ca>
Date: Sun, 17 Sep 2000 18:29:40 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109849-2000.09.17-17.43.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there an offical Propnet webpage? If so what is its address?
                                                    Thanks 73
                                                David Kirstein VA3DMK
va3dmk@rac.ca

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

33. [propnet] RE:Propnet website

From: "The Kirsteins" <obskds@attcanada.ca>
Date: Sun, 17 Sep 2000 21:02:30 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109858-2000.09.17-20.16.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry this is a repeat The origional title was wrong.

Is there an offical Propnet webpage? If so what is its address?
                                                    Thanks 73
                                                David Kirstein VA3DMK
va3dmk@rac.ca

```
---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

34. [propnet] RE:Propnet website

```
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 17 Sep 2000 21:26:42 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109861-2000.09.17-20.36.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
The Kirsteins wrote:

> Sorry this is a repeat  The origional title was wrong.
>
> Is there an offical Propnet webpage? If so what is its address?
>                                                              Thanks  73
>                                                       David Kirstein  VA3DMK
> va3dmk@rac.ca

Hi David,
Yes, there are two to choose from...
The "original" at http://go.to/PropNET which will eventually be transforming
into a website designed to lure non-hams to this aspect of the hobby (I've had
some interest from physics departments at a couple of universities).

The new one is http://go.to/BEACONet which is under a revamping right
now...but will be complete within a week.

Hope this helps.

Regards,
Ev, W2EV
FN03XD  now active on 147.585 for the Fall '00 Tropo Experiment




---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

35. [propnet] Thanks for your help

```
From: "The Kirsteins" <obskds@attcanada.ca>
Date: Mon, 18 Sep 2000 06:31:19 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-109903-2000.09.18-05.44.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Thanks for all your help
                 73
                David Kirstein  VA3DMK




---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

36. [propnet] Re: propnet digest: September 18, 2000

```
From: GSteve490@aol.com
Date: Tue, 19 Sep 2000 02:07:51 EDT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110083-2000.09.19-01.16.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
In a message dated 9/18/00 11:56:48 PM EST, propnet@lists.tapr.org writes:

> Subject: Thanks for your help
>  From: "The Kirsteins" <obskds@attcanada.ca>
>  Date: Mon, 18 Sep 2000 06:31:19 -0700
>  X-Message-Number: 1
>
>  Thanks for all your help
>                    73
>                   David Kirstein  VA3DMK
```

eh? 6mtrs, or 2? Whicheth Grid? You're most welcome!

de FN23, on .585   2meters, for those of you in yorba linda.....

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

37. [propnet] Re: propnet digest: September 18, 2000

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 19 Sep 2000 06:23:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110094-2000.09.19-06.02.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> eh? 6mtrs, or 2? Whicheth Grid? You're most welcome!
>
> de FN23, on .585   2meters, for those of you in yorba linda.....

David,
Are you in FN23...as in Syracuse, NY? or was that a typo?
Because of knowing of activity in W.Va. and NC/SC, I'm using
a 4-element beam pointed south. It may be time for me to
head back to the omni!

Ev, W2EV
FN03 (actually...just 200' west of the FN03/FN13 line)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

38. [propnet] Enhanced 2 mtr conditions

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Tue, 19 Sep 2000 8:22:55
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110110-2000.09.19-08.30.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KD4K (Cummings, Ga) was being received at 6:41 am on
19 Sept 00 here in Pickens SC on 145.585 mhz. Although
this is not a long path, it is the first time I have
seen KD4K appear on the screen. We can get some
good tropo condx as these hurricanes move up the coast.
Doug
KJ4X

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

39. [propnet] Re: Enhanced 2 mtr conditions

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 20 Sep 2000 07:14:30 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110287-2000.09.20-06.29.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Douglas E Fagan wrote:
>
> KD4K (Cummings, Ga) was being received at 6:41 am on
> 19 Sept 00 here in Pickens SC on 145.585 mhz. Although
> this is not a long path, it is the first time I have
> seen KD4K appear on the screen. We can get some
> good tropo condx as these hurricanes move up the coast.
> Doug
> KJ4X

Very cool! Would you care to copy the posit and post it to
the listserv?

I've got my eyes open on .585 looking for something over the
next couple of days myself!

Ev, W2EV
FN03...Southern Lake Ontario, NY

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

40. [propnet] Who's in the Fall '00 Tropo Experiment?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 20 Sep 2000 17:44:23 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110347-2000.09.20-17.04.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Please drop me an eMail of your callsign and gridsquare. I will create
a map and post it with an icon for your location with the hopes it will
nudge others to join us!

Ev, W2EV
FN03XD

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

41. [propnet] Tropo '00 Catches!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 20 Sep 2000 17:55:35 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110349-2000.09.20-17.07.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Caught last night on 147.585-MHz:
WA3IOU in FN00 (Pittsburgh, Pa area)
AF3O in FN00 (Pittsburgh, Pa area)

Ev, W2EV
FN03 (between Buffalo and Rochester NY)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

42. [propnet] [Fwd: [METEOR-SCATTER] Upcoming Leonids activity predictions]

From: "Tupis, Ev" <evman@ix.netcom.com>
Date: Wed, 20 Sep 2000 18:04:05 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110351-2000.09.20-17.12.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Empty message body]

43. [propnet] Re: Who's in the Fall '00 Tropo Experiment?

From: W6ABC <friday2k@pacbell.net>
Date: Wed, 20 Sep 2000 15:29:21 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110358-2000.09.20-17.57.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
Just wondered what program will be used for this exercise? Also what
are the parameters to be set within the program?
Thanks,
Jack W6ABC

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

44. [propnet] Tropo

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Wed, 20 Sep 2000 19:20:26 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110362-2000.09.20-18.28.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two was open again last night. Best direct catches on 144.39 were WD4HDL-1
(327 miles away in Northern Virginia) and N2MSM-2 (201 miles away in
Southern New Jersey).

Stan the maintenance man at WA1LOU-15

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

45. [propnet] AstroAlert: Very Large Possible Naked-Eye Sunspot Group

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 20 Sep 2000 18:58:14 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110381-2000.09.20-20.07.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A s t r o A l e r t
Sun-Earth Alert

Solar Terrestrial Dispatch
http://www.spacew.com

19 September 2000

* One of the Largest Sunspot Groups so far this Solar Cycle comes into View *
* Potential Major Solar Flare Warning *

POTENTIAL NAKED-EYE SUNSPOT

On 18 September, one of the largest sunspot groups to be observed so far this solar cycle began rotating into view around the eastern limb of the Sun. The enormity of this region was never fully realized until today. This sunspot group currently measures 6.51 BILLION square kilometers in size. That is large enough to map the entire surface area of the Earth within the space occupied by the sunspot complex almost 13 times over! In fact, this sunspot group is so large that people equipped with eye protection may be able to spot the sunspot complex with their naked eyes.

DO NOT ATTEMPT TO VIEW THIS SUNSPOT WITHOUT ADEQUATE EYE PROTECTION! YOU COULD PERMANENTLY DAMAGE YOUR EYES!

To view the Sun with your naked eyes, purchase material that has been approved as safe for viewing the Sun and look through the material at the Sun. Materials that are safe include shades 12 through 14 welder's glass filters, aluminized Mylar specifically designed for viewing the Sun, and black polymer filters. One of the most authoritative articles on safe solar viewing appeared in the February 1998 issue of Sky & Telescope Magazine (see pages 36 through 40 of that issue). Do your eyes a favor and protect them properly before attempting to spot this sunspot group with your naked eyes.

This sunspot will gradually rotate across the face of the visible Sun over the next 11 to 12 days. It will be optimally placed for spotting with the naked eyes between approximately 21 through 26 September.

This sunspot complex is also notable in another respect: it has the size and the magnetic complexity to produce very energetic solar flare activity. Major class M and even large X-class solar x-ray flares are often observed from sunspot groups that are as large as this region is. So far, this spot complex has been remarkably quiet. Whether this trend will continue remains to be seen. However, the potential exists for major levels of solar flare activity from this spot complex over the next several days to perhaps throughout much of the next 12 days if the region maintains its size and complexity.

Additional information as well as accompanying imagery from professional solar observatories showing this region are available at the web site:

http://www.spacew.com/astroalert.html

To remove yourself from this list, send an e-mail to:
majordomo@skypub.com containing the command: unsubscribe sun-earth
as the BODY of the message. Make certain your e-mail to majordomo is not
encoded in HTML format. If it is, your attempt to unsubscribe will fail.

To receive help on how to change your e-mail subscription, send an
e-mail to majordomo@skypub.com and include as the body of the message the
command: help

** End of AstroAlert **
==
AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to
AstroAlert subscribers. If you feel you received it in error, or
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at http://www.skypub.com/news/astroalert/unsubscribe.html or send
a plain-text e-mail to majordomo@skypub.com with the following
line (and nothing else) in the body of the message:
unsubscribe sun-earth e-mail@address.com
replacing "e-mail@address.com" with your actual e-mail address.
==
Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

46. [propnet] RE: Who's in the Fall '00 Tropo Experiment?

From: "Bob" <collie@birch.net>
Date: Thu, 21 Sep 2000 03:15:31 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110394-2000.09.20-21.23.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great Idea! From the Mid-West! KC0EFC - EM28ns - Spring Hill, KS

-----Original Message-----
From: bounce-propnet-19457@lists.tapr.org
[mailto:bounce-propnet-19457@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
Sent: Wednesday, September 20, 2000 10:44 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Who's in the Fall '00 Tropo Experiment?

Please drop me an eMail of your callsign and gridsquare. I will create
a map and post it with an icon for your location with the hopes it will
nudge others to join us!

Ev, W2EV
FN03XD

You are currently subscribed to propnet as: kc0efc@amsat.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

47. [propnet] The Level-I & -II Systems [was:The Fall '00 Tropo Experiment

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 21 Sep 2000 05:05:42 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110438-2000.09.21-05.04.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W6ABC wrote:
> Hi,
> Just wondered what program will be used for this exercise? Also what
> are the parameters to be set within the program?
> Thanks,
> Jack W6ABC

Hello Jack,
I've been advertising this as a "Level-I" experiment, using
only a TNC and terminal software, beaconing every
10-minutes, and using the MHEARD command to see what was
snagged. The setup text file is included at the end of this
eMail message.

A "Level-II" system will use UI-View software (just like our
other operations), but I'm dragging my heals a bit because
Roger is about to release the next version (in 16-bit
format), which will include the ability to process
NOGATE/RFONLY traffic appropriately. This is an extremely
important function to BEACONet, so I'm trying to wait until
it (the 16-bit version) is released.

Why wait? Because I believe that , in the long run,
BEACONet/PropNET will be a staple of the Contesting Rovers
(because they ought to be able to beacon their position on a
frequency that will not interfere with their SSB/CW contest
operations). The ability to include the "RFONLY" alias in
their UNPROTO path will do one of two things: 1. Keep their
RF transmission from being IGated to the InternetAPRS system
(once one is established on the BEACONet frequency, that is)
by UI-View stations (a majority of us use UI-View) and
remain compliant with ARRL contest rules -or- 2. Send a
message that *advertises their intent* to stay on RFONLY (if
someone has IGate programs that ignore this request, it
isn't the fault of the rover...their intention was clearly
spelled out). This is the final safety net needed to draw a
whole new class of folks to BEACONet and UI-View!

Since I'm "advertising" the Fall '00 Tropo Experiment to VHF
narrowbanders, I want to be sure that they download the
"best" version of 16-bit UI-View to use with their
"Level-II" station with the intent of spreading it out more
quickly. Hence...I'm dragging my heals before I discuss the
Level-II (UI-View) based system. Whew...a long reply to a
short inquiry. :o)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

48. [propnet] Participants Map (147.585-MHz)

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 24 Sep 2000 10:07:46 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110828-2000.09.24-09.21.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The BEACONet website has been updated and revamped. It has
been divided into more logical (at least to me <grin>)
sections. One of those sections is titled, "Tropo
Experiment Participants". Hit it to see who has said that
they are "on". Additionally, you'll find a couple of icons
that represent packet BBS's that are on this frequency
already...and have been received during a couple of recent
tropo events.

I'll follow-up with a 53.53-MHz map shortly...but the
pressure is on to get the Tropo and meteor scatter stuff
back up as quickly as I can...so that's where my efforts are
going for now.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

49. [propnet] RE: Participants Map (147.585-MHz)

From: "Greg Walls" <gwalls@surfsouth.com>
Date: Sun, 24 Sep 2000 14:24:42 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110858-2000.09.24-13.31.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What is the URL for this site?

73
Greg
W4GHW

-----Original Message-----
From: bounce-propnet-19460@lists.tapr.org
[mailto:bounce-propnet-19460@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
Sent: Sunday, September 24, 2000 10:08 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Participants Map (147.585-MHz)

The BEACONet website has been updated and revamped. It has
been divided into more logical (at least to me <grin>)
sections. One of those sections is titled, "Tropo
Experiment Participants". Hit it to see who has said that
they are "on". Additionally, you'll find a couple of icons
that represent packet BBS's that are on this frequency
already...and have been received during a couple of recent
tropo events.

I'll follow-up with a 53.53-MHz map shortly...but the
pressure is on to get the Tropo and meteor scatter stuff
back up as quickly as I can...so that's where my efforts are
going for now.

Ev, W2EV

You are currently subscribed to propnet as: gwalls@surfsouth.com
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

50. [propnet] Mental Lapse [was:Participants Map (147.585-MHz)]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 24 Sep 2000 16:52:13 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-110875-2000.09.24-16.59.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

'ya know...sometimes you read and re-read a message to be
sure that you've covered the bases and then...bam...you find
it's the main topic of the eMail that got overlooked. :o)

Find the map (and more) at http://go.to/BEACONet

-= Ev =-

Greg Walls wrote:
>
> What is the URL for this site?
>
> 73
> Greg
> W4GHW
>
> -----Original Message-----
> From: bounce-propnet-19460@lists.tapr.org
> [mailto:bounce-propnet-19460@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
> Sent: Sunday, September 24, 2000 10:08 AM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Participants Map (147.585-MHz)

>
> The BEACONet website has been updated and revamped. It has
> been divided into more logical (at least to me <grin>)
> sections. One of those sections is titled, "Tropo
> Experiment Participants". Hit it to see who has said that
> they are "on". Additionally, you'll find a couple of icons
> that represent packet BBS's that are on this frequency
> already...and have been received during a couple of recent
> tropo events.
>
> I'll follow-up with a 53.53-MHz map shortly...but the
> pressure is on to get the Tropo and meteor scatter stuff
> back up as quickly as I can...so that's where my efforts are
> going for now.
>
> Ev, W2EV
>
> ---
> You are currently subscribed to propnet as: gwalls@surfsouth.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

51. [propnet] [Fwd: Fall '00 Tropo Experiment Underway]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Sat, 30 Sep 2000 08:25:11 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112016-2000.09.30-07.30.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
Here's a note I recently floated to the vhf@stanford remailer. Just
FYI.

Also...if anyone "catches" anything, be sure to post it on our eMail
remailer! Don't keep it to yourself.

Conditions have been poor for quite a while, however this weekend looks
quite promising on the East Coast. If you are an occasional
BEACONet-er, be sure to be powered up for the next few days especially.

The system works only if you transmit! :o)
Ev, W2EV

52. [propnet] last night

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 30 Sep 2000 08:28:55 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112023-2000.09.30-07.37.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Conditions were good overnight (9/29-9/30) on 144.39 MHz. Copied a bunch of
Northeastern Maryland stations and Northern New Jersey stations, all in the
190 to 210 mile range, here at WA1LOU-15 in Central Connecticut.

Stan, WA1LOU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

October 2000

Original source file: propnet.0010
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0010

1. [propnet] UK Beacon?

From: dave.g0dja@psilink.co.uk (David J. Ackrill)
Date: Sun, 01 Oct 2000 09:17:00 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112118-2000.10.01-04.25.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For the information of this list, I posted this to the UI-View reflector on
eGroups where I'd offered to take a proposal for a UK beacon on 53.530 MHz
to the RSGB Propagation Studies Committee (PSC).

In case anyone isn't aware, 53.530MHz is outside of the UK 6M allocation,
which runs from 50.000 MHz to 52.000 MHz. I did mention that getting
permission for beacons outside of the UK Amateur Bands has been tried
before, on HF for a beacon giving propagation information, at the
instigation of the RadioCommunications Agency (RA) but came to nothing when
the RA apparently changed their minds.

Copy of message follows:-

_____
You may remember my offer to take a proposal for allowing a beacon from the
UK on 53.530MHz, the frequency used in the USA for PropNET activities, to
the RSGB Propagation Studies Committee (PSC) meeting?

Well, I've received no offers to put together a proposal. As I said, I
cannot volunteer as I fall behind on things that I've already volunteered to
do....

So, as the next RSGB PSC meeting is due to be held on the 21st October 2000,
if I don't hear from someone prepared to put together a basic proposal by
the 10th October 2000 it will be too late for this meeting.

Appart from the fact that I tend to overcommit myself, asking for another
volunteer would show whether there is, in fact, anyone else interested.
Also, as I wouldn't be able to dedicate a transmitter and antenna to the
project, so it would need someone else to be involved.

Sorry if this is OT, but it was on here that I made the original request.
If I hear nothing between now and the 10th, then I'll shelve the idea.

Cheers de Dave (G0DJA)

_____

End of copy of message.

I am not expecting a rush of people offering to put together a proposal.....
;-)

Cheers de Dave (G0DJA)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: last night

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 01 Oct 2000 08:29:29 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112127-2000.10.01-07.48.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Stan Horzepa wrote:
> Conditions were good overnight (9/29-9/30)
> on 144.39 MHz. Copied a bunch of Northeastern
> Maryland stations and Northern New Jersey stations,
> all in the 190 to 210 mile range, here at WA1LOU-15
> in Central Connecticut.

Great post, Stan! This really supports the whole BEACONet
concept...we just gotta get more folks on-the-air! Come on,

lurkers! :o) hookup that packet equipment and join us. The
system is designed to work better with more participants.

If you've been lurking, now is the time to hit the website
and follow the directions for a "Level-I" text-only system.
The "Level-II" graphical system (based on the
yet-to-be-released 16-bit UI-View package) will be coming
along shortly.

Join-in on the fun. Assemble those stations and power-up on
147.585 (and 53.53!).

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Are we ready for BEACONlink?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 01 Oct 2000 08:35:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112128-2000.10.01-07.50.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been kicking around the idea of setting up a parallel
APRServ system, specifically for BEACONet/PropNET!

For those unfamiliar with the APRServ system...it is a
real-time Internet 'reflector' of sorts. Using UI-View
software, one may "gate" RF receptions to the Internet
server, which 'reflects' everything it hears to other
Internet-connected UI-View stations. When the band isn't
"open" you can still get a feel for activity. When the band
is "open" it should be evident to everyone. It may even
be possible to archive what is observed for later analysis.
Some of this is conjecture, as the system was developed for
the APRS service, and I'm not sure yet if it is fully usable
for our purposes.

UI-View can feed and display this information (and has the
added bonus of processing the new alias of RFONLY for
contest stations using this service).

I'd be interested to know if folks think that this would be
useful at this time? Or should I wait a while until we have
a greater mass of participants? Thoughts?

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: last night

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Sun, 1 Oct 2000 11:22:24 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112157-2000.10.01-11.03.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,

        What is the URL to "The WebSite"? You should post it as part of your
signature on all messages.

Joe, N1MNU

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Sunday, October 01, 2000 8:29 AM
Subject: [propnet] Re: last night

> Stan Horzepa wrote:
> > Conditions were good overnight (9/29-9/30)
> > on 144.39 MHz. Copied a bunch of Northeastern
> > Maryland stations and Northern New Jersey stations,
> > all in the 190 to 210 mile range, here at WA1LOU-15
> > in Central Connecticut.
>
> Great post, Stan! This really supports the whole BEACONet
> concept...we just gotta get more folks on-the-air! Come on,
> lurkers! :o) hookup that packet equipment and join us. The
> system is designed to work better with more participants.
>
> If you've been lurking, now is the time to hit the website
> and follow the directions for a "Level-I" text-only system.
> The "Level-II" graphical system (based on the
> yet-to-be-released 16-bit UI-View package) will be coming
> along shortly.
>
> Join-in on the fun. Assemble those stations and power-up on
> 147.585 (and 53.53!).
>
> Ev, W2EV
>
>
>
> ---
> You are currently subscribed to propnet as: jpupecki@mediaone.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] Re: last night

From: "Donald Jacob" <dejacob@flash.net>
Date: Sun, 1 Oct 2000 09:49:49 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112175-2000.10.01-11.58.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I agree Joe it should me published more frequently.
Here it is for you to enjoy

http://go.to/BEACONet

73
Don, WB5EKU
DM04sg

----- Original Message -----
From: Joe Pupecki <jpupecki@mediaone.net>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Sunday, October 01, 2000 8:22 AM
Subject: [propnet] Re: last night

> Ev,
>
>   What is the URL to "The WebSite"? You should post it as part of
your
> signature on all messages.
>
> Joe, N1MNU
>
>
>
> ----- Original Message -----
> From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> Sent: Sunday, October 01, 2000 8:29 AM
> Subject: [propnet] Re: last night
>
>
> > Stan Horzepa wrote:
> > > Conditions were good overnight (9/29-9/30)

> > > on 144.39 MHz. Copied a bunch of Northeastern
> > > Maryland stations and Northern New Jersey stations,
> > > all in the 190 to 210 mile range, here at WA1LOU-15
> > > in Central Connecticut.
> >
> > Great post, Stan! This really supports the whole BEACONet
> > concept...we just gotta get more folks on-the-air! Come on,
> > lurkers! :o) hookup that packet equipment and join us. The
> > system is designed to work better with more participants.
> >
> > If you've been lurking, now is the time to hit the website
> > and follow the directions for a "Level-I" text-only system.
> > The "Level-II" graphical system (based on the
> > yet-to-be-released 16-bit UI-View package) will be coming
> > along shortly.
> >
> > Join-in on the fun. Assemble those stations and power-up on
> > 147.585 (and 53.53!).
> >
> > Ev, W2EV
> >
> >
> >
> > ---
> > You are currently subscribed to propnet as: jpupecki@mediaone.net
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to propnet as: wb5eku@amsat.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] Re: last night

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Sun, 1 Oct 2000 14:42:04 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112209-2000.10.01-13.50.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Don...

Joe

----- Original Message -----
From: "Donald Jacob" <dejacob@flash.net>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Sunday, October 01, 2000 12:49 PM
Subject: [propnet] Re: last night

> I agree Joe it should me published more frequently.
> Here it is for you to enjoy
>
> http://go.to/BEACONet
>
> 73
> Don, WB5EKU
> DM04sg
>
> ----- Original Message -----
> From: Joe Pupecki <jpupecki@mediaone.net>
> To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
> Sent: Sunday, October 01, 2000 8:22 AM
> Subject: [propnet] Re: last night
>
>
> > Ev,
> >
> >   What is the URL to "The WebSite"? You should post it as part of
> your
> > signature on all messages.

> >
> > Joe, N1MNU
> >
> >
> >
> > ----- Original Message -----
> > From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> > To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> > Sent: Sunday, October 01, 2000 8:29 AM
> > Subject: [propnet] Re: last night
> >
> >
> > > Stan Horzepa wrote:
> > > > Conditions were good overnight (9/29-9/30)
> > > > on 144.39 MHz. Copied a bunch of Northeastern
> > > > Maryland stations and Northern New Jersey stations,
> > > > all in the 190 to 210 mile range, here at WA1LOU-15
> > > > in Central Connecticut.
> > >
> > > Great post, Stan! This really supports the whole BEACONet
> > > concept...we just gotta get more folks on-the-air! Come on,
> > > lurkers! :o) hookup that packet equipment and join us. The
> > > system is designed to work better with more participants.
> > >
> > > If you've been lurking, now is the time to hit the website
> > > and follow the directions for a "Level-I" text-only system.
> > > The "Level-II" graphical system (based on the
> > > yet-to-be-released 16-bit UI-View package) will be coming
> > > along shortly.
> > >
> > > Join-in on the fun. Assemble those stations and power-up on
> > > 147.585 (and 53.53!).
> > >
> > > Ev, W2EV
> > >
> > >
> > >
> > > ---
> > > You are currently subscribed to propnet as: jpupecki@mediaone.net
> > > To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
> > >
> >
> >
> > ---
> > You are currently subscribed to propnet as: wb5eku@amsat.org
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>
>
> ---
> You are currently subscribed to propnet as: jpupecki@mediaone.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] propnet freqs

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Sun, 1 Oct 2000 15:27:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112216-2000.10.01-14.36.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good afternoon. I lost my terrestrial beams last winter and just put a new
tower up. I have 2, and 6 meter beams up. Last night I ran on 6m 53.530.
Nothing heard. Reading the mail today(with renewed interest), I'm beginning
to believe all(most) activity is on 2m? Is this true? I could setup for 2m
tonight I'm in FM29pe, I would use a heading of 270 degrees. I have a 13
element Cushcraft up 72' and can run 200 watts. Should I switch to 2m, or
stay on 6? Beam heading ok?

73 Jeff kb2wqm

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] Re: propnet freqs

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 01 Oct 2000 15:43:48 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112238-2000.10.01-16.54.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:27 PM 10/1/00 -0400, Jeff Griffin blasted the following out into the
ether:
>Good afternoon. I lost my terrestrial beams last winter and just put a new
>tower up. I have 2, and 6 meter beams up. Last night I ran on 6m 53.530.
>Nothing heard. Reading the mail today(with renewed interest), I'm beginning
>to believe all(most) activity is on 2m? Is this true?

      I have the feeling that the latest people to start are probably on 2
meters, but there are a few of us running on 53.530 that have been doing so
for quite some time.

> I could setup for 2m
>tonight I'm in FM29pe, I would use a heading of 270 degrees. I have a 13
>element Cushcraft up 72' and can run 200 watts. Should I switch to 2m, or
>stay on 6? Beam heading ok?

      Why not "Y" the transmit line and run BOTH? (Is this even possible???)
      Or, do what I do here --

      I run AGWPE to operate 2 TNC's, one on 144.39, plain old APRS, and
one on 53.53, for BeaconNet. I run WinAPRS for the mapping capability, and
I run UI-View32 for the digi capabilities. Works pretty well that way.

      Beam heading from you to me is about 264 or so, 270 is probably OK,
as I think there are a couple of guys in either California or Wyoming, but
I can't remember for sure.

      The bottom line is to run as much power as you can manage and keep at it.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

9. [propnet] Re: propnet freqs

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 01 Oct 2000 18:36:32 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112242-2000.10.01-17.50.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff Griffin wrote:

> Good afternoon. I lost my terrestrial beams last winter and just put a new
> tower up. I have 2, and 6 meter beams up. Last night I ran on 6m 53.530.
> Nothing heard. Reading the mail today(with renewed interest), I'm beginning
> to believe all(most) activity is on 2m? Is this true? I could setup for 2m
> tonight I'm in FM29pe, I would use a heading of 270 degrees. I have a 13
> element Cushcraft up 72' and can run 200 watts. Should I switch to 2m, or
> stay on 6? Beam heading ok?

Hi Jeff,
At this time of the year, interest focuses on 2-meters for the tropo season.
There are a number of stations on 53.53 24/7. They are called Hubs (unattended
stations at high power). In your neck of the woods, the closest is in FN30.

By all means, join the tropo group on 147.585-MHz (vertical, by the way). I've
got 4-elements and 200 watts that I can point in your direction, too (from
FN03). Let me know when you are "on" and I'll realign the beam (facing toward
the Carolina's right now, and have received a W.Va packet BBS at 500-km so far.

Ev, W2EV
W2EV: 147.585
W2AAA: 53.530

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: propnet freqs

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 01 Oct 2000 18:38:21 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112243-2000.10.01-17.52.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The bottom line is to run as much power as you can manage and keep at it.
>
> 7 3
> Earl

You said a mouthful. :o) Good advice!
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] 2m tonite

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Sun, 1 Oct 2000 20:52:13 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112273-2000.10.01-20.00.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok Ev, I've pointed my beam 315 degrees to FN03. I'm running 200+ watts into
a 13 el Cushcraft up 72 feet. I'm Horizontally polarized, but this
shouldn't matter as we are OTH. I'm beaconing at one minute intervals at
xx..31 seconds, on 147.585 .

73 and good luck, kb2wqm

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Sunday, October 01, 2000 6:36 PM
Subject: [propnet] Re: propnet freqs

> Jeff Griffin wrote:
>
> > Good afternoon. I lost my terrestrial beams last winter and just put a
new
> > tower up. I have 2, and 6 meter beams up. Last night I ran on 6m 53.530.
> > Nothing heard. Reading the mail today(with renewed interest), I'm
beginning
> > to believe all(most) activity is on 2m? Is this true? I could setup for
2m
> > tonight I'm in FM29pe, I would use a heading of 270 degrees. I have a 13
> > element Cushcraft up 72' and can run 200 watts. Should I switch to 2m,
or
> > stay on 6? Beam heading ok?
>
> Hi Jeff,
> At this time of the year, interest focuses on 2-meters for the tropo
season.
> There are a number of stations on 53.53 24/7. They are called Hubs

(unattended
> stations at high power). In your neck of the woods, the closest is in
FN30.
>
> By all means, join the tropo group on 147.585-MHz (vertical, by the way).
I've
> got 4-elements and 200 watts that I can point in your direction, too (from
> FN03). Let me know when you are "on" and I'll realign the beam (facing
toward
> the Carolina's right now, and have received a W.Va packet BBS at 500-km so
far.
>
> Ev, W2EV
> W2EV: 147.585
> W2AAA: 53.530
>
>
>
>
>
> ---
> You are currently subscribed to propnet as: kb2wqm@dandy.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] Fwd: [50MHz] Fw: Largest OZ50MHz DX Bulletin ever !

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 01 Oct 2000 18:57:21 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112278-2000.10.01-20.19.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: "Ray Brown" <raybrown@ipa.net>
>To: <50mhz@qth.net>
>Subject: [50MHz] Fw: Largest OZ50MHz DX Bulletin ever !
>Date: Sun, 1 Oct 2000 10:02:22 -0500
>Organization: R.A.B.B.I.T. Ltd.
>X-Mailer: Microsoft Outlook Express 5.00.2615.200
>Sender: owner-50mhz@qth.net
>Reply-To: "Ray Brown" <raybrown@ipa.net>
>
>----- Original Message -----
> > From: "OZ6OM" <oz6om@qsl.net>
> >
> > Dr OM/YL
> >
> > This mail to inform interested that the latest and
> > so far largest (21 Kb), edition of the
> >
> > OZ50MHz DX Bulletin #00-039
> >
> > now is uploaded at my website, at;
> >
> > http://www.qsl.net/oz6om/
> >
> > Please have in mind that the OZ50MHz DX Bulletin
> > usually is uploaded late Saturday evening (UT time)
> >
> > vy 73 de OZ6OM / OZ7M "Matt"
> >
>
>
>---
>This list is sponsored by KMA Antennas
>HF - VHF - UHF
>Log periodics & unique 6 meter antennas
>http://www.qsl.net/w4kma
>-
>Moderator: Ray Brown, KB0STN
>owner-50mhz@qth.net
>-
>
>to unsubscribe mail to: majordomo@qth.net
>(In message) unsubscribe 50mhz

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

13. [propnet] Re: propnet freqs

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Mon, 2 Oct 2000 13:18:32 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112378-2000.10.02-08.27.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The following two entries were received here in EM13PA last night.
These are the first heard in several weeks.
>>

mh
r;j)["-15*
Vx]3%v-12*

>>

Obviously, my TNC did not decode the callsigns correctly, but this is
a start !

73,

Bob N5NJ

Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Sunday, October 01, 2000 22:38
Subject: [propnet] Re: propnet freqs

> >   The bottom line is to run as much power as you can manage
and keep at it.
> >
> >   7 3
> >   Earl
>
> You said a mouthful. :o) Good advice!
> Ev, W2EV
>
>
>
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

14. [propnet] Different Double Mt Paths.

From: "CPT Ben Pollard" <benjamin.pollard@us.army.mil>
Date: Mon, 2 Oct 2000 20:00:20 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112497-2000.10.02-20.07.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All
Was looking at the new Double Mt. digi this evening and noticed some strange
paths. Most of the packets come to me via Hedley (WS5R-3), but here are some
that came via alternate paths. It goes to show you never know what
propagation is going to do even with dead band conditions. It also shows how
the TRACE path sent every hour or so can help see where sigs are going.

Pretty neat stuff I think!

73,
Ben
WS5R

The normal path is:
AI5TX-1>APRS,WS5R-3,KB5WIO-7*,TRACE5-3:!3303.55NN10042.25W# UIDIGI1.7B3
Hedley 122 mi, AMA 72 mi.

Here are some of the ones I logged:
AI5TX-1>APRS,N5LTC-3,KE5PL-1,KD5JTM-4,KB5WIO-7*,TRACE5-1:!3303.55NN10042.25W
San Angelo 129 mi, Midland 106 mi, Smyer 110 mi, Amarillo 124 mi.

AI5TX-1>APRS,N5LTC-3,KE5PL-4,KD5JTM-4,WS5R-3,KB5WIO-7*,TRACE5:!3303.55NN1004
2.25W#
San Angelo 129 mi, Big Spring 90 mi, Smyer 103 mi, Hedley 120 mi, Amarillo
70 mi.

AI5TX-1>APRS,KE5PL-1,WS5R-3,KB5WIO-7*,TRACE5-2:!3303.55NN10042.25W#
UIDIGI1.7B3
Midland 121 mi, Hedley 212 mi, Amarillo 72 mi.

AI5TX-1>APRS,KE5PL-1,K5WTC-1,WB5KRH-5,WS5R-3,KB5WIO-7*,TRACE5:!3303.55NN1004
2.25W#
Midland 121 mi, Colorado City 75 mi, Altus 196 mi (Double Mt nearly in the
middle of path!), Hedley, AMA.

AI5TX-1>APRS,KE5PL-1,N5XXO-1,WB5KRH-5,WS5R-3,KB5WIO-7*,TRACE5:!3303.55NN1004
2.25W#
Midland 121 mi, King MT 53 mi, Altus 306 mi (Double Mt nearly in the middle
of path!), Hedley, AMA.

AI5TX-1>APRS,WB5KRH-5,WS5R-3,KB5WIO-7*,TRACE5-2:!3303.55NN10042.25W#
UIDIGI1.7B3
Altus 145 mi, Hedley, AMA

Here is another strange one from Colorado City.
K5WTC-1>APRS,KD5JTM-4,N5XXO-1,KE5PL-1,WS5R-3,KB5WIO-7*,TRACE5:WIDEn-n APRS
Digipeater Colorado City, Texas running UIDIGI 1.7B3
Smyer 113 mi, King Mt 158 mi, Midland, Hedley 212 mi, AMA.

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15. [propnet] Re: IH20 coverage?

From: "B. John McDaniel" <bjmcdaniel@worldnet.att.net>
Date: Mon, 2 Oct 2000 21:15:05 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112503-2000.10.02-21.23.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone out there working on filling in IH20 coverage between Abilene and
DFW? I hate to see any duplication of effort.
(and I am certainly not volunteering).

Or, does anyone know of the status of the Baird DX cluster, as to whether or
not it is still being used? Baird seems an obvious place to put the next
APRS digi on the Interstate.

Sgt. B. John McDaniel, KE5PL
Midland County Sheriff's Office, K5MSO
915-688-1014

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] Re: 2m tonite

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 02 Oct 2000 06:50:27 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112555-2000.10.03-05.28.16--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Jeff Griffin wrote:
> Ok Ev, I've pointed my beam 315 degrees to
> FN03. I'm running 200+ watts into a 13 el
> Cushcraft up 72 feet. I'm Horizontally polarized,
> but this shouldn't matter as we are OTH. I'm
> beaconing at one minute intervals at
> xx..31 seconds, on 147.585 .

Hi Jeff,
No need to kill the ol' relays with 1-minute transmissions.
Backing it off to a 10-minute TX cycle ought not hurt
anything (especially since we're talking tropo, rather than
meteor work).

There are a couple of issues to consider when using an
antenna that is cut for the SSB subband . . .
* Be sure to be wary of SWR on 147.585
  using the 13ele Cushcraft (cut for SSB).
  With 1TX every 10-minutes it ought not be
  too much of a strain, but one never knows.
* I also would suggest that you run a quick
  RX test of the pattern. Find a 147-MHz FM
  repeater and swing the antenna through a
  360-degree sweep, noting peaks and nulls.
  You may find that the "front" of the beam
  at 144-MHz isn't the "front" of the beam
  at 147.585-MHz. This is more of a problem
  on 6-meters than 2-meters, but thought it
  may be something to check out here anyway.

I will go up and "armstrong" the beam in your direction
tonight (Monday). Lets see what happens over the next
couple of weeks (with a cold front on the way...it sounds
like our best chances for success will be Monday and
Tuesday).

By the way...be sure to check out other participants on the
website (http://go.to/BEACONet). There's a hyperlink to a
map. You may be able to pickup the guys in New England if
you point at 'em! I'll update the map with your icon
shortly.

Welcome aboard!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Local Reports Needed!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 02 Oct 2000 07:03:32 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112556-2000.10.03-05.31.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In the midwest there are at least two packet BBS's on
147.585-MHz. This is not a bad thing...but it got me to
wondering if there are other digital inhabitants on this
frequency, too (other BBS's, that is).
Everyone...please...take a moment and check your 2-meter
BEACONet stations' MHEARD list to see if you've caught
anything that may not have displayed otherwise. If
so...please post it to this remailer. I'd like to document
the callsigns and locations (I'll look 'em up on
http://www.wm7d.net) so that others can use that
information, too. I'll even put them on the map (like the
two that I was able to catch in West Va.)

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Re: IH20 coverage?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 03 Oct 2000 06:35:06 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112559-2000.10.03-05.54.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi John,
You may have sent this to the PropNET/BEACONet remailer in
error. You may want to check your "sent" file, and tag it
for delivery to aprs@lists.tapr.org for a better audience
for your issue.

I've done it myself from time to time. :o)

Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] Re: Different Double Mt Paths.

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 03 Oct 2000 06:40:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112560-2000.10.03-05.55.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is really fascinating. Ben, unless you have an
objection, I'm thinking of referencing your observation in a
paper that I'm in the process of penning. BTW...although he
didn't mention it...it is important to note that this catch
was on the 144.39-MHz APRS service, rather than the
147.585-MHz BEACONet service. As more folks power up on
BEACONet, this will be an easier to notice phenomena for us,
too.

As Ben pointed out, propagation enhancement may come or go
at any time along almost any given path. Digipeating --
even for BEACONet/PropNET -- has its purpose as it allows
one to probe for anamolies "beyond the line of site".

Thanks for sharing!
Ev

CPT Ben Pollard wrote:
>
> Hi All
> Was looking at the new Double Mt. digi this evening and noticed some strange
> paths. Most of the packets come to me via Hedley (WS5R-3), but here are some
> that came via alternate paths. It goes to show you never know what
> propagation is going to do even with dead band conditions. It also shows how
> the TRACE path sent every hour or so can help see where sigs are going.
>
> Pretty neat stuff I think!
>
> 73,
> Ben
> WS5R
>
> The normal path is:
> AI5TX-1>APRS,WS5R-3,KB5WIO-7*,TRACE5-3:!3303.55NN10042.25W# UIDIGI1.7B3
> Hedley 122 mi, AMA 72 mi.
>
> Here are some of the ones I logged:
> AI5TX-1>APRS,N5LTC-3,KE5PL-1,KD5JTM-4,KB5WIO-7*,TRACE5-1:!3303.55NN10042.25W
> # San Angelo 129 mi, Midland 106 mi, Smyer 110 mi, Amarillo 124 mi.
>
> AI5TX-1>APRS,N5LTC-3,KE5PL-4,KD5JTM-4,WS5R-3,KB5WIO-7*,TRACE5:!3303.55NN1004
> 2.25W#
> San Angelo 129 mi, Big Spring 90 mi, Smyer 103 mi, Hedley 120 mi, Amarillo
> 70 mi.
>
> AI5TX-1>APRS,KE5PL-1,WS5R-3,KB5WIO-7*,TRACE5-2:!3303.55NN10042.25W#

> UIDIGI1.7B3
> Midland 121 mi, Hedley 212 mi, Amarillo 72 mi.
>
> AI5TX-1>APRS,KE5PL-1,K5WTC-1,WB5KRH-5,WS5R-3,KB5WIO-7*,TRACE5:!3303.55NN1004
> 2.25W#
> Midland 121 mi, Colorado City 75 mi, Altus 196 mi (Double Mt nearly in the
> middle of path!), Hedley, AMA.
>
> AI5TX-1>APRS,KE5PL-1,N5XXO-1,WB5KRH-5,WS5R-3,KB5WIO-7*,TRACE5:!3303.55NN1004
> 2.25W#
> Midland 121 mi, King MT 53 mi, Altus 306 mi (Double Mt nearly in the middle
> of path!), Hedley, AMA.
>
> AI5TX-1>APRS,WB5KRH-5,WS5R-3,KB5WIO-7*,TRACE5-2:!3303.55NN10042.25W#
> UIDIGI1.7B3
> Altus 145 mi, Hedley, AMA
>
> Here is another strange one from Colorado City.
> K5WTC-1>APRS,KD5JTM-4,N5XXO-1,KE5PL-1,WS5R-3,KB5WIO-7*,TRACE5:WIDEn-n APRS
> Digipeater Colorado City, Texas running UIDIGI 1.7B3
> Smyer 113 mi, King Mt 158 mi, Midland, Hedley 212 mi, AMA.
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

20. [propnet] Re: propnet freqs

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 03 Oct 2000 06:47:17 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112562-2000.10.03-05.57.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

COOL! They look like packet BBS's on the frequency. Hang
in there, Bob. The tropo season lasts another two months!
:o)

BTW...this is a reminder for folks to try the following:
PASSALL ON
This will allow partial packets (like the ones that Bob
caught) to not be discarded by your TNC. Please, folks,
check your MHEARD lists from time to time.

Ev

Bob Naumann - N5NJ wrote:
>
> The following two entries were received here in EM13PA last night.
> These are the first heard in several weeks.
> >>
>
> mh
> r;j)["-15*
> Vx]3%v-12*
>
> >>
>
> Obviously, my TNC did not decode the callsigns correctly, but this is
> a start !
>
> 73,
>
> Bob N5NJ
>
> Robert E. Naumann
> N5NJ / V26O
> N5NJ@arrl.net
> www.qsl.net/n5nj
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
> ----- Original Message -----
> From: "Ev Tupis (W2EV)" <propnet@greeceny.com>

> To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> Sent: Sunday, October 01, 2000 22:38
> Subject: [propnet] Re: propnet freqs
>
> > >   The bottom line is to run as much power as you can manage
> and keep at it.
> > >
> > >   7 3
> > >   Earl
> >
> > You said a mouthful. :o) Good advice!
> > Ev, W2EV
> > >
> > >
> > >
> > >
> > > ---
> > You are currently subscribed to propnet as: n5nj@gte.net
> > To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
> > >
> > >
> >
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

21. [propnet] Re: 2m tonite

From: "Jeff" <kb2wqm@dandy.net>
Date: Tue, 3 Oct 2000 11:09:02 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112593-2000.10.03-10.17.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok, I guess you guy's don't rememember me, I've been with this group for
several years, when the MS stuff first started with APRS.
 Of course I checked the SWR on the antenna. The Cushcraft 13 el 2m antenna
is well below 2 to 1 across the band. If it get's near 3 to 1 your solid
state transceiver will start to foldback(if it has a protection circuit
built in). The 6m beam is another story, the best I could do for now is 1.2
to 1 at
50.125 then 2.3 to 1 at 53.530. I put up a 5 element to get a wide a
bandwidth as possible.Why so high in the band?
    On the tx interval, I disagree, I do alot of offshore fishing all
season, from about May to October. I go offshore 40 to 70 miles working the
Gulf stream eddies. Anomalous Propagation (ducting) can occur in short
cycles, a 10 minute transmission cycle might very well miss something. You
can work 2 and 440 repeaters for as little as 1 minute! We are stationary
when this is happening. I also notice this in my work with the FAA beacon
radar system's, this involves moving targets though.
  A one minute cycle isn't much. My APRS station transmits every 30 seconds
on average, here on the east coast.
 On the center of the beam, I feel at such a wide beamwidth we are dealing
with the propagation issue, more so then the beamwidth issue, when going
OTH. The rf energy is being steered more by the atmospheric conditions then
the exact orientation of the beam. It's important to know that the top of
the beam not the sides is what get's propagated, and also steered. I don't
ever remember the beam directionality changing when going up or down the
bandwidth. What usually happens is if you double the frequency your using
your beam with , the beam WIDTH will be 1/2. Of course a nearby large metal
object will reflect a signal, causing the beam to distort creating azimuth
skew, nulls etc, no greater then the actual beamwidth. But, having my
antennas mounted so high above the average terrain this is much less of a
problem.

73 Jeff kb2wqm

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

22. [propnet] RE:Garmin MapSource maps with Winaprs

```
From: "The Kirsteins" <obskds@attcanada.ca>
Date: Wed, 4 Oct 2000 16:55:13 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112847-2000.10.04-16.08.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hi
       Is it possible to use Garmin MapSource maps with Winaprs? If so how
do  you set it up?
                                                                 Thanks
                                                          David Kirstein
VA3DMK
                                                        va3dmk@rac.ca
                                        Reply to e-mail address if possible.
```

```
---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

23. [propnet] status fr SNJ

```
From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Wed, 4 Oct 2000 17:17:35 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112855-2000.10.04-16.26.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Good evening everyone. No joy so far with Ev. I'm thinking of working the
East Coast to the south. I notice several stations in North and  South
Carolina. I noticed some ducting this morning on 2m, up and down the coast.
What frequency are you guy's on?
 Also Ev where did you get that hi-res colored relief map of the east coast,
your using with UI-View ?

73 Jeff kb2wqm



---
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```

24. [propnet] Re: Local Reports Needed!

```
From: Arte Booten <n2zrc@webspan.net>
Date: Tue, 03 Oct 2000 19:23:30 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112863-2000.10.04-17.49.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hi Ev,

You wrote:

>... there are at least two packet BBS's on 147.585-MHz ... it got me to
>wonder if there are other digital inhabitants on this frequency, too ..

     Granted that it's probably not as up-to-date as one might like, but
have you checked TAPR's Digital Directory?                            73
+-------------------------------------------------------------------+
|Arte Booten  <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York    [FN30bu]    !4052.71N/07354.06WNPHG5370/A=00240|
|Packet: N2ZRC@KB2VLX.#BRONX.NY.USA.NA HTX-202/RS Brick/KPC-3 6.0/X-510|
*PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03*
+-------------------------------------------------------------------+


---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

25. [propnet] Logging, 147.585

From: GSteve490@aol.com
Date: Wed, 4 Oct 2000 20:13:46 EDT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112890-2000.10.04-19.23.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Finally Bagged the W2EV Beacon this evenin', 19:13 local (edt) time switched
from "H" to "V" on the 147-20T C'Craft. As a concerned Beaconeer, i have
tweaked the AXHANG parameter to 55, in order for those "slower" PLL's out
there a chance to "lock-in" :)

N2LZH
FN23ad

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

26. [propnet] Re: status fr SNJ

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 04 Oct 2000 20:43:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112892-2000.10.04-19.52.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff Griffin wrote:

> Good evening everyone. No joy so far with Ev. I'm thinking of working the
> East Coast to the south. I notice several stations in North and South
> Carolina. I noticed some ducting this morning on 2m, up and down the coast.
> What frequency are you guy's on?
> Also Ev where did you get that hi-res colored relief map of the east coast,
> your using with UI-View ?
>
> 73 Jeff kb2wqm

I left my "stupid switch" on, and my 300-watt amp "off". arghhh! It is now on
and pointed to NJ. I'm still not convinced that you on H and me on V is a good
idea, even if over the horizon, but I'm willing to keep it aimed your way for a
week or two. Good aurora this afternoon, by the way.

The colored maps will be posted on the BEACONet site (http://go.to/BEACONet)
within the week. Roger has released the full-version for 16-bits, and I'm now
in the process of packaging everything with instructions for everyone. Stay
tuned!
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

27. [propnet] Re: Logging, 147.585

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 04 Oct 2000 20:46:20 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112893-2000.10.04-19.54.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GSteve490@aol.com wrote:

> Finally Bagged the W2EV Beacon this evenin', 19:13 local (edt) time switched
> from "H" to "V" on the 147-20T C'Craft. As a concerned Beaconeer, i have
> tweaked the AXHANG parameter to 55, in order for those "slower" PLL's out
> there a chance to "lock-in" :)

Likewise copied:
N2LZH>BEACON: <<UI>>:
[FN23AD] /4309.00N/7559.04W/n2lzh@amsat.org

by the way...the /lat/lon stuff is unnecessary entirely.

'Nice to have you on the air...two grids to the east! You must have a fine
location out there. Stay active! I'll add you to the map on the website
tomorrow morning! Too bad the wx has been crummy, eh? Plenty of tropo season
left, though.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

28. [propnet] Re: status fr SNJ

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Thu, 5 Oct 2000 06:33:03 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112959-2000.10.05-05.41.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok Ev, we will leave it on 2m in your direction.

73 Jeff kb2wqm

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

29. [propnet] Monitoring 147.585

From: "Donald Jacob" <dejacob@flash.net>
Date: Thu, 5 Oct 2000 04:31:32 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112963-2000.10.05-06.40.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I started monitoring 147.585 Wednesday evening 10/4 for 24/7. Hopefully this
weekend I will convert it to a full UI-View station.
it will be interesting to see what Southern California has on this
frequency.

Any suggestions for the UI-View station will be greatly appreciated. The
list will probably hear from me when I attempt to configure it!

Don
WB5EKU
DM04sg

wb5eku@amsat.org

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

30. [propnet] Re: propnet digest: October 04, 2000

From: GSteve490@aol.com
Date: Thu, 5 Oct 2000 10:39:20 EDT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-112997-2000.10.05-09.48.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 10/4/00 11:53:42 PM EST, W2EV set the beacon text to:

> by the way...the /lat/lon stuff is unnecessary entirely.
>
yeah, but bytes is bytes; too damn busy to retype it !

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

31. [propnet] Re: Monitoring 147.585

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 05 Oct 2000 19:00:16 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113089-2000.10.05-18.09.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Donald Jacob wrote:

> I started monitoring 147.585 Wednesday evening 10/4 for 24/7. Hopefully this
> weekend I will convert it to a full UI-View station.
> it will be interesting to see what Southern California has on this
> frequency.
>
> Any suggestions for the UI-View station will be greatly appreciated. The
> list will probably hear from me when I attempt to configure it!

Hi Don,
Your timing is great! The "production" version of ui-view has just been
released. I've gotten my hands on it and am in the process of documenting the
proper setup for BEACONet operation. I'll have it posted (both the latest
version of ui-view and the directions) over the weekend on
http://go.to/BEACONet.

If you are using a Level-I configuration (TNC ONLY), and are transmitting
now...I'd like to add you to the activity map on the website. Please confirm,
would you?

Welcome aboard!
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

32. [propnet] Re: Monitoring 147.585

From: Jack <friday2k@pacbell.net>
Date: Thu, 05 Oct 2000 16:19:48 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113096-2000.10.05-18.35.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ev and all,
Just visited the Beaconet site and noticed the wish and invitation for
more west coast participants. I sure would like to oblige, but here in
Northern California the frequency is used for voice communications and
is quite active at least in the San Francisco Bay Area. This really
puts the brakes on operating and co-habitating the designated frequency
of 147.585. I'm sure a lot more from (at least) Northern California
would join in but we sure won't make many friends by doing so,
especially at high power. Is there any location on the band that is
unused across the country. Maybe back east it isn't a problem but here
in the west it seems to be. I don't know about the LA/San Diego area,
but we are silent for a reason. Any suggestions would be welcomed to
co-ordinate a cross country location on the band. I sure would like to
play this game with you all.
73,
Jack W6ABC

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

33. [propnet] Re: Monitoring 147.585

From: Cliff Buttschardt <cbuttsch@slonet.org>
Date: Fri, 06 Oct 2000 01:17:30 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113125-2000.10.05-20.13.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jack, the occupancy of 147.585 is by a bunch of old time TV
guys that think all they have to do is make a bunch of noise
and "their" frequency will be respected. These guys died
years ago and want to maintain the old fashioned NTSC
standards
simply because they will not change!! NTSC was a has been
thirty years ago and is a despicable waste of bandwidth NOW!
     147.585 is a voice link in which these old farts can
compare why the old system can not and will not work now days!
     Jack, time as come to challenge this bunch and GET ON
WITH IT! Yes, I am and old fart too---69 today! Cliff K7RR

Jack wrote:
>
> Hi Ev and all,
> Just visited the Beaconet site and noticed the wish and invitation for
> more west coast participants. I sure would like to oblige, but here in
> Northern California the frequency is used for voice communications and
> is quite active at least in the San Francisco Bay Area. This really
> puts the brakes on operating and co-habitating the designated frequency
> of 147.585. I'm sure a lot more from (at least) Northern California
> would join in but we sure won't make many friends by doing so,
> especially at high power. Is there any location on the band that is
> unused across the country. Maybe back east it isn't a problem but here
> in the west it seems to be. I don't know about the LA/San Diego area,
> but we are silent for a reason. Any suggestions would be welcomed to
> co-ordinate a cross country location on the band. I sure would like to
> play this game with you all.
> 73,
> Jack W6ABC
>
> ---
> You are currently subscribed to propnet as: cbuttsch@slonet.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

34. [propnet] Re: Monitoring 147.585

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 05 Oct 2000 20:24:05 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113127-2000.10.05-20.20.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Jack,
Therein is the problem. There is no universally "available" frequency. We
just find one and use it, with the understanding that there may be pockets
of "other" activity around the country. I suppose that will drive some
dead areas. I'm certainly open to suggestions...but keep in mind that one
of the tennants of BEACONet is that it is homed as far from the SSB/CW
subband as possible.

I'm afraid that anywhere we pick is going to have some area of problem. :o(

Ev, W2EV

Jack wrote:

> Hi Ev and all,
> Just visited the Beaconet site and noticed the wish and invitation for
> more west coast participants. I sure would like to oblige, but here in
> Northern California the frequency is used for voice communications and
> is quite active at least in the San Francisco Bay Area. This really
> puts the brakes on operating and co-habitating the designated frequency
> of 147.585. I'm sure a lot more from (at least) Northern California
> would join in but we sure won't make many friends by doing so,
> especially at high power. Is there any location on the band that is
> unused across the country. Maybe back east it isn't a problem but here
> in the west it seems to be. I don't know about the LA/San Diego area,
> but we are silent for a reason. Any suggestions would be welcomed to
> co-ordinate a cross country location on the band. I sure would like to
> play this game with you all.
> 73,
> Jack W6ABC
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

35. [propnet] Re: Monitoring 147.585

From: "Donald Jacob" <dejacob@flash.net>
Date: Thu, 5 Oct 2000 21:49:39 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113213-2000.10.05-23.58.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,
Yes I am running a Level-1 configuration. I started transmitting (only
monitored the last 24 hours) at 4:30 UTC 10/6/00. Running 50 watts into an
AEA Isopole (omni).

I purchased the 32 bit version of UI-View this week. Is the production
version different? I'll probably have many questions so bear with me.

Thanks
Don wb5eku
DM04sg

----- Original Message -----
From: Ev Tupis (W2EV) <propnet@greeceny.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Thursday, October 05, 2000 4:00 PM
Subject: [propnet] Re: Monitoring 147.585

> Donald Jacob wrote:
>
> > I started monitoring 147.585 Wednesday evening 10/4 for 24/7. Hopefully
this
> > weekend I will convert it to a full UI-View station.
> > it will be interesting to see what Southern California has on this
> > frequency.
> >
> > Any suggestions for the UI-View station will be greatly appreciated.
The
> > list will probably hear from me when I attempt to configure it!
>
> Hi Don,
> Your timing is great! The "production" version of ui-view has just been
> released. I've gotten my hands on it and am in the process of documenting
the
> proper setup for BEACONet operation. I'll have it posted (both the latest
> version of ui-view and the directions) over the weekend on
> http://go.to/BEACONet.
>
> If you are using a Level-I configuration (TNC ONLY), and are transmitting
> now...I'd like to add you to the activity map on the website. Please
confirm,
> would you?
>
> Welcome aboard!
> Ev, W2EV
>
>
>
>
> ---
> You are currently subscribed to propnet as: wb5eku@amsat.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

36. [propnet] Re: Monitoring 147.585

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 06 Oct 2000 07:29:55 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113328-2000.10.06-06.36.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Don,
It's great that you are using the fully registered 32-bit

version of the software. You will need version 3.32 (the
absolute latest release) to play on BEACONet properly. The
"production" release that I was referring to is the
"shareware 16-bit version". Up until a couple of days ago,
the only way to get to version 2.32 (the 16-bit version
starts with 2.##) was to load 2.24, then load the upgrade to
2.32. Now...2.32 exists as a single download...which is why
I called it the "production" version.

What makes v#.32 the base version for use on BEACONet? I'll
be covering that in an eMail over the weekend, when I have
everything posted to the website. Suffice to say...the
32-bit version is just the ticket, too. On an
aside...thanks for using it and registering it with Roger (a
very cheap 15 dollars or so).

If you'd be so kind...I could use a little help, too. I
don't use the 32-bit version here. Once I post the
configuration instructions, would you try them out on the
32-bit version to see if it configures the same way? I
don't know if the pull-down menus and options are the same
between the two or not.

Again, Welcome Aboard! I'll put you on the participants map
tonite!

Warmly,
Ev, W2EV

Donald Jacob wrote:
>
> Ev,
> Yes I am running a Level-1 configuration. I started transmitting (only
> monitored the last 24 hours) at 4:30 UTC 10/6/00. Running 50 watts into an
> AEA Isopole (omni).
>
> I purchased the 32 bit version of UI-View this week. Is the production
> version different? I'll probably have many questions so bear with me.
>
> Thanks
> Don wb5eku
> DM04sg
>
> ----- Original Message -----
> From: Ev Tupis (W2EV) <propnet@greeceny.com>
> To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
> Sent: Thursday, October 05, 2000 4:00 PM
> Subject: [propnet] Re: Monitoring 147.585
>
> > Donald Jacob wrote:
> >
> > > I started monitoring 147.585 Wednesday evening 10/4 for 24/7. Hopefully
> this
> > > weekend I will convert it to a full UI-View station.
> > > it will be interesting to see what Southern California has on this
> > > frequency.
> > >
> > > Any suggestions for the UI-View station will be greatly appreciated.
> The
> > > list will probably hear from me when I attempt to configure it!
> >
> > Hi Don,
> > Your timing is great! The "production" version of ui-view has just been
> > released. I've gotten my hands on it and am in the process of documenting
> the
> > proper setup for BEACONet operation. I'll have it posted (both the latest
> > version of ui-view and the directions) over the weekend on
> > http://go.to/BEACONet.
> >
> > If you are using a Level-I configuration (TNC ONLY), and are transmitting
> > now...I'd like to add you to the activity map on the website. Please
> confirm,
> > would you?
> >
> > Welcome aboard!
> > Ev, W2EV
> >
> >

> >
> >
> > ---
> > You are currently subscribed to propnet as: wb5eku@amsat.org
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

37. [propnet] Re: status fr SNJ

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Fri, 6 Oct 2000 18:10:37 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113417-2000.10.06-17.19.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We found the topo maps at g4ide's site, while there I signed up for the 32
bit version., what the hay , only $15.

73 Jeff kb2wqm

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

38. [propnet] Re: Monitoring 147.585

From: "Donald Jacob" <dejacob@flash.net>
Date: Fri, 6 Oct 2000 20:30:34 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113452-2000.10.06-22.39.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hi Don,
> It's great that you are using the fully registered 32-bit
> version of the software. You will need version 3.32 (the
> absolute latest release) to play on BEACONet properly. The

Ev,
The 32 bit version that I downloaded from G4IDE's site is 1.30 and appears
to be the latest. I will keep looking and upgrading whenever a new version
is released.
I agree with you 100%, for the price UI-View is well worth it.

> "production" release that I was referring to is the
> "shareware 16-bit version". Up until a couple of days ago,
> the only way to get to version 2.32 (the 16-bit version
> starts with 2.##) was to load 2.24, then load the upgrade to
> 2.32. Now...2.32 exists as a single download...which is why
> I called it the "production" version.
>
> What makes v#.32 the base version for use on BEACONet? I'll
> be covering that in an eMail over the weekend, when I have
> everything posted to the website. Suffice to say...the
> 32-bit version is just the ticket, too. On an
> aside...thanks for using it and registering it with Roger (a
> very cheap 15 dollars or so).
>
> If you'd be so kind...I could use a little help, too. I
> don't use the 32-bit version here. Once I post the
> configuration instructions, would you try them out on the
> 32-bit version to see if it configures the same way? I
> don't know if the pull-down menus and options are the same
> between the two or not.

Very happy to help out where I can. Yes as soon as I see the config
instructions I will plug them into the 32 bit version and report (read --
beg for help!) anything that I find. Keeping in mind that although I have
been using packet/digital radio (1982 I was a beta tester for TAPR TNC) I am
virtually newbie in APRS/Beacon type of communication.

> Again, Welcome Aboard! I'll put you on the participants map
> tonite!
>
> Warmly,
> Ev, W2EV

Thanks for you help.

72
Don, WB5EKU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

39. [propnet] Latest UI-View & Maps

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 07 Oct 2000 08:44:22 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113496-2000.10.07-07.50.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks,
First, I have to apologize. I seem to be experiencing a
problem with one of the computers that I use for eMail. As
it turns out, I *think* I've sent a message to the listserv
(it "goes"...at least it appears to), when it is -- in fact
-- stuck in my "outbox".

Below is an eMail that has been stuck there for quite a
while...I just never realized that until I did a search for
the information on the TAPR website, only to find that it
never made the listserv. arghhh!

By the way...I'd encourage you to play with the latest
version of UI-View and download the very nice elevation maps
that may be used with it, until I can update the BEACONet
website with the links and BEACONet configuration file.

You can find a direct link the latest full 16-bit version on
Roger's website at:
http://www.peaksys.fsnet.co.uk/uiview/uisfx232.exe

You can find a direct link to the vibrant and colorful
relief maps of the USA at:
http://www.packetradio.org.uk/maps/usamaps.htm

If I've mistyped anything above, and you find the links to
not work (I've looked 'em over a couple of times...but you
never know <grin>), then hit the top page at
http://www.packetradio.org.uk/ and look for the links down
the page a bit.

I'll restate that Roger's program is e-x-c-e-l-l-e-n-t. It
is c-h-e-a-p to register. Please take the time to register
it. He has been a great proponent of our project, and
always willing to consider enhancements that would help us.

Lastly, keep your eyes open to the listserv over the
weekend. I'm working on the BEACONet configuration textfile
and will announce it's posting to the BEACONet website here
first.

Although conditions don't look very promising over this
weekend over most of the US, keep transmitting! :o) Ya
never know what can happen.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

40. [propnet] [Fwd: OK I'm on...]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 07 Oct 2000 08:54:58 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113501-2000.10.07-08.03.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
I received this direct, and thought you'd be interested to
know of the building activity in California!

Ev, W2EV

41. [propnet] Re: Latest UI-View & Maps

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Sat, 7 Oct 2000 13:28:37 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113504-2000.10.07-08.37.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.peaksys.fsnet.co.uk/maps/usamaps.htm

Ev, the above is the correct link to the maps.

I have installed the 16 bit version and anxiously await your
"tutorial".

Regrettably, I have a local signal here on 147.58 that is keeping my
squelch open on .585 constantly and my TNC will not transmit as a
result. Occasionally, I force a transmission but I am monitoring all
the time.

The signal is emanating from a neighbors' house. Regrettably, I have
TVI, Computer I and telephone I problems with this neighbor so I am
not hopeful for resolving this problem.

As such, I would support changing to another frequency as has been
discussed here earlier this week strictly for personal reasons.

73,
Bob N5NJ
EM13PA

Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, October 07, 2000 12:44
Subject: [propnet] Latest UI-View & Maps

> Hi folks,
> First, I have to apologize. I seem to be experiencing a
> problem with one of the computers that I use for eMail. As
> it turns out, I *think* I've sent a message to the listserv
> (it "goes"...at least it appears to), when it is -- in fact
> -- stuck in my "outbox".
>
> Below is an eMail that has been stuck there for quite a
> while...I just never realized that until I did a search for
> the information on the TAPR website, only to find that it
> never made the listserv. arghhh!
>
> --
>
> By the way...I'd encourage you to play with the latest
> version of UI-View and download the very nice elevation maps
> that may be used with it, until I can update the BEACONet
> website with the links and BEACONet configuration file.
>
> You can find a direct link the latest full 16-bit version on
> Roger's website at:
> http://www.peaksys.fsnet.co.uk/uiview/uisfx232.exe
>

> You can find a direct link to the vibrant and colorful
> relief maps of the USA at:
> http://www.packetradio.org.uk/maps/usamaps.htm
>
> If I've mistyped anything above, and you find the links to
> not work (I've looked 'em over a couple of times...but you
> never know <grin>), then hit the top page at
> http://www.packetradio.org.uk/ and look for the links down
> the page a bit.
>
> I'll restate that Roger's program is e-x-c-e-l-l-e-n-t. It
> is c-h-e-a-p to register. Please take the time to register
> it. He has been a great proponent of our project, and
> always willing to consider enhancements that would help us.
>
> Lastly, keep your eyes open to the listserv over the
> weekend. I'm working on the BEACONet configuration textfile
> and will announce it's posting to the BEACONet website here
> first.
>
> Although conditions don't look very promising over this
> weekend over most of the US, keep transmitting! :o) Ya
> never know what can happen.
>
> Ev, W2EV
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

42. [propnet] Re: Local Reports Needed!

From: Arte Booten <n2zrc@webspan.net>
Date: Fri, 06 Oct 2000 21:36:49 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113525-2000.10.07-09.47.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I wrote:

>Hi Ev,
---------------------------------<snip>---------------------------------
Sorry, folks. That was obviously meant for Ev. Sorry about clogging the
bandwidth with it, but I worked just short of 84 hours that week!   73
+---+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
+---+

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43. [propnet] Re: [Fwd: OK I'm on...]

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Sat, 7 Oct 2000 11:00:02 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113548-2000.10.07-13.08.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tony and the group. Glad to know you are on. I am in CM95 near San Luis
Obispo. Unfortunately, I have had the beam point to KH6 all this time!
     I'll reorient and let's see how it goes! Cliff K7RR

On Sat, 7 Oct 2000, Ev Tupis (W2EV) wrote:

> Hi Folks,
> I received this direct, and thought you'd be interested to
> know of the building activity in California!
>
> Ev, W2EV

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44. [propnet] Re: [Fwd: OK I'm on...]

From: "Donald Jacob" <dejacob@flash.net>
Date: Sat, 7 Oct 2000 11:18:40 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113557-2000.10.07-13.27.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cliff,
Glad to see more West Coast participation. I am beaconing with an omni on
147.585 with aprox 50 watts from DM04sg, San Fernando Valley. With any luck
and openings maybe we'll see each other.

73
Don, WB5EKU

----- Original Message -----
From: Clifford Buttschardt <cbuttsch@slonet.org>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Saturday, October 07, 2000 11:00 AM
Subject: [propnet] Re: [Fwd: OK I'm on...]

> Tony and the group. Glad to know you are on. I am in CM95 near San Luis
> Obispo. Unfortunately, I have had the beam point to KH6 all this time!
>   I'll reorient and let's see how it goes! Cliff K7RR
>
>
>
>
> On Sat, 7 Oct 2000, Ev Tupis (W2EV) wrote:
>
> > Hi Folks,
> > I received this direct, and thought you'd be interested to
> > know of the building activity in California!
> >
> > Ev, W2EV
>
>
> ---
> You are currently subscribed to propnet as: wb5eku@amsat.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

45. [propnet] Newest Participant Maps Posted!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 08 Oct 2000 08:53:02 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113690-2000.10.08-08.04.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Interest is building! Check out who's on!
http://go.to/BEACONet
and the hyperlink for Tropo Experiment Participants.

California is coming alive and new blood in Georgia! :o)

If I've missed you on the map, let me know!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

46. [propnet] Re: [Fwd: OK I'm on...]

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Sun, 8 Oct 2000 09:33:34 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: Russ <ratech@aloha.net>,
TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Message-ID: <LYR1548-113721-2000.10.08-11.42.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Don. Good to know you are there. I am torn between three different directions in which the beam might be pointed. At least for now, let me continue to direct RF to the Seattle area.
Do you know of anyone in the Hawaiian Islands we can work with? I really would like to first duplicate KH6HME's efforts on 147.585. I can monitor both this PropNet frequency and 144.170 for Paul's CW signals.
Cliff K7RR CM95 Morro Bay, CA

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

47. [propnet] Fwd: [50MHz] JA opening

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 08 Oct 2000 09:42:19 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-113722-2000.10.08-11.48.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Listen CLOSE, y'all --

Earl

>From: "jose m. valdes r. yv5lix" <yv5lix@cantv.net>
>To: "vhf-dx" <vhf-dx@egroups.com>, "vhfer@" <vhfer@onelist.com>,
> "vhflatinoamerica" <vhflatinoamerica@onelist.com>,
> "50mhz@6mt." <50mhz@6mt.com>, "50mhz@qth. net" <50mhz@qth.net>,
> "50mhz-rsa" <50mhzrsa@listbot.com>, "worl above 50" <w3ep@arrl.org>
>Cc: "nob ichino" <vr6jj@gld.mmtr.or.jp>
>Subject: [50mhz] ja opening
>Date: sun, 8 oct 2000 11:35:44 -0400
>X-Mailer: microsoft outlook imo, build 9.0.2416 (9.0.2910.0)
>Importance: normal
>Sender: owner-50mhz@qth.net
>Reply-To: "jose m. valdes r. yv5lix" <yv5lix@cantv.net>
>X-MIME-Autoconverted: from 8bit to quoted-printable by amsat.org id iaa13571
>
>this morning between 14:05 and 14:52 z i had a very good long path opening
>on 50.163 with japan, a total of 9 stations were worked with signals between
>4 1 and 5 5.
>
>this was possible thanks to nob ichino, jf2mbf, who the last two days kept
>me informed about the time when yv4ab/b/b was heard in japan. thanks you
>nob.
>
>
>let's keep amateur radio alive.
>
>73/dx from jose m. valdes r. yv5lix
>six club: 864
>
>yv5lix@cantv.net
>yv5lix@yv5lix.org
>yv5lix@jvaldesr.com
>
>http://www.yv5lix.org
>-·-
>
>
>---
>this list is sponsored by kma antennas
>hf - vhf - uhf
>log periodics & unique 6 meter antennas
>http://www.qsl.net/w4kma
>-
>moderator: ray brown, kb0stn

>owner-50mhz@qth.net

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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48. [propnet] Level-II UI-View Based Configuration

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 09 Oct 2000 21:42:46 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114025-2000.10.09-20.57.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Instructions for configuring UI-View (v2.32) for BEACONet operation has
been posted to the web site (http://go.to/BEACONet). There are two
versions..."Greenhorn" and "Veteran". They both get you to the same
place, but the "Greenhorn" version takes 3-pages, while the "Veteran"
version takes 1-page.

Feedback and clarifications are welcome.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

49. [propnet] [Fwd: K5WO BeaconNet QRV]

From: "Tupis, Ev" <evman@ix.netcom.com>
Date: Tue, 10 Oct 2000 18:14:09 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114195-2000.10.10-17.22.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks,
We've been joined by another pioneer! With any luck, he'll be
subscribed to the propnet/BEACONet listserve shortly, too.

Ev, W2EV

50. [propnet] Fwd: [50MHz] Beacon circuit.

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 10 Oct 2000 16:07:06 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114197-2000.10.10-17.27.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looks like a natural for BeaconNet...

     Earl

>From: "Jose M. Valdes R. YV5LIX" <yv5lix@cantv.net>
>To: "Vhf-Dx" <vhf-dx@egroups.com>, "50Mhz-RSA" <50MhzRSA@listbot.com>,
>   "50mhz@qth. net" <50mhz@qth.net>, "50mhz@6mt." <50mhz@6mt.com>
>Subject: [50MHz] Beacon circuit.
>Date: Tue, 10 Oct 2000 16:37:44 -0400
>X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2910.0)
>Importance: Normal
>Sender: owner-50mhz@qth.net
>Reply-To: "Jose M. Valdes R. YV5LIX" <yv5lix@cantv.net>
>X-MIME-Autoconverted: from 8bit to quoted-printable by amsat.org id NAA21587
>
>Hi list member.
>
>I'm looking for beacon circuit to set up a beacon in Caracas, Venezuela. I
>have the radio and the antenna, but I'm not very handy with electronics, so
>I'm looking for a circuit to generate de ID. DE YV5LIX YV5LIX FK60NM K.
>
>Can any one of you provide this circuit and the way interface it through the
>mic plug of the radio? a Kenwood TS-600.
>
>Thanks in advance for nay help.
>
>Let's keep amateur radio alive.

>
>73/DX from Jose M. Valdes R. YV5LIX
>Six Club: 864
>
>yv5lix@cantv.net
>yv5lix@yv5lix.org
>yv5lix@jvaldesr.com
>
>http://www.yv5lix.org
>-·-
>
>
>---
>This list is sponsored by KMA Antennas
>HF - VHF - UHF
>Log periodics & unique 6 meter antennas
>http://www.qsl.net/w4kma
>-
>Moderator: Ray Brown, KB0STN
>owner-50mhz@qth.net
>-
>
>to unsubscribe mail to: majordomo@qth.net
>(In message) unsubscribe 50mhz

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

51. [propnet] Fw: UI-View Setup

From: "Wayne Ackerman" <wwackerm@teleplex.net>
Date: Tue, 10 Oct 2000 20:03:45 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114213-2000.10.10-19.10.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK Ev, Forwarded as you suggested.

Wayne

----- Original Message -----
From: Tupis, Ev <evman@ix.netcom.com>
To: Wayne Ackerman <wwackerm@teleplex.net>
Sent: Tuesday, October 10, 2000 6:16 PM
Subject: Re: UI-View Setup

> Hi Wayne,
> EXCELLENT CATCH! That refers to the TNC port, which is "1" in single
> port TNC's. Thanks! I'll change that right away. Would you mind
> making that announcement to the PropNET/BEACONet listserv?
> Ev, W2EV
>
>
> > Wayne Ackerman wrote:
> >
> > Hi Ev,
> >
> > I have read your new instructions for the setup of UI-View 2.32 and
> > UI-View32 v1.35.
> >
> > I note that under "Setup | Station Setup" you suggest that the Unproto
> > Port be set to the same number as your Com Port. I believe this
> > should be left at "1" regardless of your com port. My com port is "2"
> > and I have both the 16 and 32 bit programs. Neither will transmit
> > unless I have the Unproto set to "1."
> >
> > What do you think?
> >
> > Wayne, W3GYK
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

52. [propnet] Fwd: [50MHz] Possible auroras this weekend.

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 10 Oct 2000 16:06:18 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114320-2000.10.11-01.59.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
>From: "Jose M. Valdes R. YV5LIX" <yv5lix@cantv.net>
>To: "vhfskiip" <vhfskip@egroups.com>, "Vhf-Dx" <vhf-dx@egroups.com>,
>         "144MHzEU" <144MHzEU@listbot.com>, "50Mhz-RSA"
> <50MhzRSA@listbot.com>,
>         "50mhz@qth. net" <50mhz@qth.net>, "50mhz@6mt." <50mhz@6mt.com>
>Subject: [50MHz] Possible auroras this weekend.
>Date: Tue, 10 Oct 2000 15:13:43 -0400
>X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2910.0)
>Importance: Normal
>Sender: owner-50mhz@qth.net
>Reply-To: "Jose M. Valdes R. YV5LIX" <yv5lix@cantv.net>
>X-MIME-Autoconverted: from 8bit to quoted-printable by amsat.org id MAA18580
>
>At 23:50 UTC yesterday, Oct/09/2000, we had a Full-Hallo Coronal Mass
>Ejection in the vicinity of sunspot group AR 9182. This Coronal Mass
>Ejection is traveling at 720 km/s, and is expecting to reach the Earth
>October 12.
>
>The results of a similar phenomenon observed last week, were severe
>geomagnetic storms and an impressive aurora show that was seen as far south
>as latitude 43 degrees on October 5th. The same day, October 5th, the GOES 8
>and 10 magnetometers registered a peak reading of 200 nT; and some good
>aurora propagation was observed in the northern hemisphere.
>
>More information on this phenomenon can be found at
>http://www.spaceweather.com/.
>
>Let's keep amateur radio alive.
>
>73/DX from Jose M. Valdes R. YV5LIX
>Six Club: 864
>
>yv5lix@cantv.net
>yv5lix@yv5lix.org
>yv5lix@jvaldesr.com
>
>http://www.yv5lix.org
>-·-
>
>
>---
>This list is sponsored by KMA Antennas
>HF - VHF - UHF
>Log periodics & unique 6 meter antennas
>http://www.qsl.net/w4kma
>-
>Moderator: Ray Brown, KB0STN
>owner-50mhz@qth.net
>-
>
>to unsubscribe mail to: majordomo@qth.net
>(In message) unsubscribe 50mhz

Earl Needham, KD5XB    mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico         DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun,  breathe is a verb (When you take a breath,
you breathe...)


---
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```

53. [propnet] Re: Fwd: [50MHz] Beacon circuit.

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 11 Oct 2000 06:36:12 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114346-2000.10.11-06.16.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For sure. Once you figure out the logic behind a CW IDer,
the BEACONet concept sure seems cut-and-dry. A while ago,
there was some interest shown in Argentina (their 6-meter
band extends to 54-MHz, too) and Central America, but no
activity to date. Time will change that.
Ev, W2EV

Earl Needham wrote:
>   Looks like a natural for BeaconNet...
>   Earl
>
> >Subject: [50MHz] Beacon circuit.
> >Hi list member.
> >I'm looking for beacon circuit to set up a
> >beacon in Caracas, Venezuela. I have the radio
> >and the antenna, but I'm not very handy with
> >electronics, so I'm looking for a circuit to
> >generate de ID. DE YV5LIX YV5LIX FK60NM K.
> >
> >Can any one of you provide this circuit and the
> >way interface it through the mic plug of the
> >radio? a Kenwood TS-600.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

54. [propnet] Re: [Fwd: K5WO BeaconNet QRV]

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Wed, 11 Oct 2000 11:20:59 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114348-2000.10.11-06.29.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I confirm K5WO active in EM12PX.

Robert E. Naumann
N5NJ / V26O
EM13PA
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Tupis, Ev" <evman@ix.netcom.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Tuesday, October 10, 2000 22:14
Subject: [propnet] [Fwd: K5WO BeaconNet QRV]

> Hi folks,
> We've been joined by another pioneer! With any luck, he'll be
> subscribed to the propnet/BEACONet listserve shortly, too.
>
> Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

55. [propnet] Re: Fw: UI-View Setup

From: "Ian Eddy" <Ieddy@bigpond.net.au>
Date: Wed, 11 Oct 2000 20:45:34 +1000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114354-2000.10.11-07.01.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev
Yes I am going down the list installing Uiview (all things being a little
cryptic) and have looked at the issue discussed below and would concur.

Have a PK232, and at this time (not completed the install this evening) the
PC is configuring the PK232 to PKT mode (i.e. the Comms statement is
configured, although I want to confirm this). I have not seen it working the
PK232 in beacon mode. Seems there is a little more work to be completed.
Ian

```
----- Original Message -----
From: "Wayne Ackerman" <wwackerm@teleplex.net>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Wednesday, October 11, 2000 10:03 AM
Subject: [propnet] Fw: UI-View Setup


> OK Ev, Forwarded as you suggested.
>
> Wayne
>
> ----- Original Message -----
> From: Tupis, Ev <evman@ix.netcom.com>
> To: Wayne Ackerman <wwackerm@teleplex.net>
> Sent: Tuesday, October 10, 2000 6:16 PM
> Subject: Re: UI-View Setup
>
>
> > Hi Wayne,
> > EXCELLENT CATCH!  That refers to the TNC port, which is "1" in single
> > port TNC's.  Thanks!  I'll change that right away.  Would you mind
> > making that announcement to the PropNET/BEACONet listserv?
> > Ev, W2EV
> >
> >
> > > Wayne Ackerman wrote:
> > >
> > > Hi Ev,
> > >
> > > I have read your new instructions for the setup of UI-View 2.32 and
> > > UI-View32 v1.35.
> > >
> > > I note that under "Setup | Station Setup" you suggest that the Unproto
> > > Port be set to the same number as your Com Port.  I believe this
> > > should be left at "1" regardless of your com port.  My com port is "2"
> > > and I have both the 16 and 32 bit programs.  Neither will transmit
> > > unless I have the Unproto set to "1."
> > >
> > > What do you think?
> > >
> > > Wayne, W3GYK
> >
>
>
> ---
> You are currently subscribed to propnet as: Ieddy@bigpond.net.au
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>



---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

56. [propnet] Fwd: AstroAlert: Middle Latitude Auroral Activity Watch - 12-13 Oct

```
From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 11 Oct 2000 06:37:41 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114380-2000.10.11-09.44.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Middle Latitude Auroral Activity Watch - 12-13 Oct
>To: sun-earth@skypub.com
>Date: Tue, 10 Oct 2000 22:36:20 -0600 (MDT)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>                             A s t r o  A l e r t
>                               Sun-Earth Alert
>
>                           Solar Terrestrial Dispatch
>                             http://www.spacew.com
>
>                                11 October 2000
>
```

>
>MIDDLE LATITUDE AURORAL ACTIVITY WATCH
>
>   Auroral activity is expected to increase on 12 October in response to
>the anticipated arrival of an Earth-directed coronal mass ejection observed
>on 10 October. The intensity of this disturbance may produce periods of
>visible auroral activity over many dark-sky middle latitude regions.
>Unfortunately, the near full phase of the moon will increase glare and
>decrease the visibility of auroral activity. Nevertheless, the intensity of
>the activity may override the glare for some middle latitude dark-sky
>regions.
>
>   The disturbance should last approximately 18 to 24 hours.
>
>   The official auroral activity watch announcement has been appended
>below:
>
> ACTIVATION: 06:00 UTC ON 12 OCTOBER
>VALID UNTIL: 19:00 UTC ON 13 OCTOBER
>
>   HIGH RISK PERIOD: 12 OCT
>MODERATE RISK PERIOD: 12 OCT - 13 OCT
>
>PREDICTED ACTIVITY INDICES: 12, 30, 25, 12 (11 OCT - 14 OCT)
>
>POTENTIAL MAGNITUDE OF MIDDLE LATITUDE AURORAL ACTIVITY: MODERATE
>
>ESTIMATED OPTIMUM OBSERVING CONDITIONS: NEAR LOCAL MIDNIGHT
>
>EXPECTED LUNAR INTERFERENCE: HIGH
>
>EXPECTED OPPORTUNITY FOR OBSERVATIONS FROM MIDDLE LATITUDES: FAIR TO POOR
>
>AURORAL ACTIVITY _MAY_ BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...
>
>   WASHINGTON STATE TO SOUTHERN MONTANA TO NORTHERN SOUTH DAKOTA TO
>   MINNESOTA TO WISCONSIN TO MICHIGAN TO DARK-SKY REGIONS OF NEW YORK STATE
>   TO DARK SKY SITES OF SOUTHERN MAINE.
>
>
>ACTIVITY _MAY_ ALSO BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...
>
>   EXTREME NORTHERN UNITED KINGDOM TO NORTHERN DENMARK TO SOUTHERN
>   SWEDEN TO FINLAND TO NORTHERN RUSSIA. EXTREME SOUTHERN REGIONS OF NEW
>   ZEALAND AND SOUTHEASTERN AUSTRALIA MAY ALSO SPOT PERIODS OF ACTIVITY.
>
>
>SYNOPSIS...
>
>   An Earth-directed coronal mass ejection observed on 10 October is
>expected to impact the Earth on 12 October. Models suggest the disturbance
>may arrive during the late UTC hours of 12 October (perhaps after 18:00 UTC)
>or during the early UTC hours of 13 October. The disturbance may produce
>periods of moderately strong auroral activity over many dark-sky middle
>latitude regions. However, the near-full phase of the moon will hamper
>attempts to view activity. This is not expected to be an abnormally large
>disturbance. Minor auroral storming is expected to dominate with brief major
>storm periods possible over the higher latitude regions.
>
>   This watch will remain in effect through 19:00 UTC on 13 October. It
>will then be updated or allowed to expire.
>
>IF YOU OBSERVE WHAT YOU SUSPECT MAY BE AURORAL ACTIVITY, PLEASE SUBMIT YOUR
>OBSERVATIONS TO:
>
>   http://www.spacew.com/www/auroras.html.
>
>
> A VERY HANDY AND EASY TO USE SOFTWARE PACKAGE IS AVAILABLE FOR THOSE WHO ARE
>   INTERESTED IN MONITORING AURORAL ACTIVITY IN REAL-TIME AT:
>
>   http://www.spacew.com/aurora
>
>
>** End of AstroAlert **
>==
>AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
>State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to
>AstroAlert subscribers. If you feel you received it in error, or

>to unsubscribe from AstroAlert, please see our unsubscribe form
>at http://www.skypub.com/news/astroalert/unsubscribe.html or send
>a plain-text e-mail to majordomo@skypub.com with the following
>line (and nothing else) in the body of the message:
>unsubscribe sun-earth e-mail@address.com
>replacing "e-mail@address.com" with your actual e-mail address.
>===

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

57. [propnet] SNJ status

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Fri, 13 Oct 2000 05:43:10 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114730-2000.10.13-04.51.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning. I'm switching over to 6m. I'm experiencing too much coax loss
in the 180 foot run from antenna to shack . I need to get some hardline up
on 2m. Unfortunately I don't have the bucks to buy new hardline. I will be
picking some up used , in a few weeks. Anyone on 6M want to try FM29pe, let
me know. Right now when up I'm pointing 230 degrees.

73 Jeff kb2wqm

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

58. [propnet] Re: SNJ status

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 13 Oct 2000 06:37:02 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114732-2000.10.13-05.42.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff Griffin wrote:
> Good morning. I'm switching over to 6m. I'm
> experiencing too much coax loss in the 180
> foot run from antenna to shack . I need to
> get some hardline up on 2m. Unfortunately I
> don't have the bucks to buy new hardline. I
> will be picking some up used , in a few weeks.
> Anyone on 6M want to try FM29pe, let me know.
> Right now when up I'm pointing 230 degrees.

Thanks for the "heads up" Jeff. I'll go back to the
omnidirectional again and see what pops up on the screen.
With the High Pressure system over the east coast, we may
see something from Ohio to NY or New England to NY or The
Carolinas to NY.

Please, folks...if you can stick to it 24/7 then we will
have the greatest chance for yet more successes. Also...be
sure to check you MHEARD lists (on Level-I systems) and
screen-maps (on Level-II systems). If you have a chance to
compare that against the map on the website
(http://go.to/BEACONet), please let us know if you have any
"stealthy" stations nearby that aren't documented on the map
(even if they are BBS's on the channel, etc.).

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

59. [propnet] Participation Map Updated

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 13 Oct 2000 06:38:55 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114733-2000.10.13-05.44.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just FYI,
We've gotten two new stations posted to the participation
map on the website (http://go.to/BEACONet). Be sure to tell
us if you find others who have joined us, but haven't let me
know it.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

60. [propnet] Re: SNJ status

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Fri, 13 Oct 2000 08:27:07 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114737-2000.10.13-07.34.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Ed and Propnetters:

>>>(http://go.to/BEACONet), please let us know if you have any
>>>"stealthy" stations nearby that aren't documented on the map
>>>(even if they are BBS's on the channel, etc.).

Can't get to that address.

I hope to free up some hardware in the next 2-3 weeks to put up at least
10-20 watts and a halo in fn41.

73,

Tim N1BTQ

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

61. [propnet] Re: SNJ status

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 13 Oct 2000 12:59:21 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114784-2000.10.13-12.10.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Tim,
The link works for me (http://go.to/BEACONet). You may want to try again
later. By the way...halo is not a good antenna for this system. A simple
vertical is what will work best (we're all vertically polarized by
definition).

Ev, W2EV

"Smith, Tim" wrote:

> Hello Ed and Propnetters:
>
> >>>(http://go.to/BEACONet), please let us know if you have any
> >>>"stealthy" stations nearby that aren't documented on the map
> >>>(even if they are BBS's on the channel, etc.).
>
> Can't get to that address.
>
> I hope to free up some hardware in the next 2-3 weeks to put up at least
> 10-20 watts and a halo in fn41.
>
> 73,
>

> Tim N1BTQ
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

62. [propnet] Re: SNJ status

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Fri, 13 Oct 2000 13:54:04 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114801-2000.10.13-13.02.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just tried again and still can't reach it from here....must be my local
ISP. I substitue the halo for a six meter Ringo....

73,

Tim

-----Original Message-----
From: bounce-propnet-20520@lists.tapr.org
[mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Evhen Tupis
(W2EV)
Sent: Friday, October 13, 2000 12:59 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: SNJ status

Hi Tim,
The link works for me (http://go.to/BEACONet). You may want to try again
later. By the way...halo is not a good antenna for this system. A simple
vertical is what will work best (we're all vertically polarized by
definition).

Ev, W2EV

"Smith, Tim" wrote:

> Hello Ed and Propnetters:
>
> >>>(http://go.to/BEACONet), please let us know if you have any
> >>>"stealthy" stations nearby that aren't documented on the map
> >>>(even if they are BBS's on the channel, etc.).
>
> Can't get to that address.
>
> I hope to free up some hardware in the next 2-3 weeks to put up at least
> 10-20 watts and a halo in fn41.
>
> 73,
>
> Tim N1BTQ
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: n1btq@ne.mediaone.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

63. [propnet] Re: SNJ status

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Fri, 13 Oct 2000 20:47:08 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-114837-2000.10.13-15.56.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try this direct route:

http://www.rochesterny.org/propnet/beaconet

Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Smith, Tim" <n1btq@ne.mediaone.net>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Friday, October 13, 2000 17:54
Subject: [propnet] Re: SNJ status

> I just tried again and still can't reach it from here....must be my
local
> ISP. I substitue the halo for a six meter Ringo....
>
> 73,
>
> Tim
>
> -----Original Message-----
> From: bounce-propnet-20520@lists.tapr.org
> [mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Evhen Tupis
> (W2EV)
> Sent: Friday, October 13, 2000 12:59 PM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Re: SNJ status
>
>
> Hi Tim,
> The link works for me (http://go.to/BEACONet). You may want to try
again
> later. By the way...halo is not a good antenna for this system. A
simple
> vertical is what will work best (we're all vertically polarized by
> definition).
>
> Ev, W2EV
>
>
> "Smith, Tim" wrote:
>
> > Hello Ed and Propnetters:
> >
> > >>>(http://go.to/BEACONet), please let us know if you have any
> > >>>"stealthy" stations nearby that aren't documented on the map
> > >>>(even if they are BBS's on the channel, etc.).
> >
> > Can't get to that address.
> >
> > I hope to free up some hardware in the next 2-3 weeks to put up at
least
> > 10-20 watts and a halo in fn41.
> >
> > 73,
> >
> > Tim N1BTQ
> >
> > ---
> > You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> > To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>
>
> ---
> You are currently subscribed to propnet as: n1btq@ne.mediaone.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net

> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

64. [propnet] Re: SNJ status

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Fri, 13 Oct 2000 17:22:54 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114842-2000.10.13-16.31.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That one worked great....the other one is not even registered with our DNS.

THanks,

Tim

-----Original Message-----
From: bounce-propnet-20520@lists.tapr.org
[mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Bob Naumann -
N5NJ
Sent: Friday, October 13, 2000 4:47 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: SNJ status

Try this direct route:

http://www.rochesterny.org/propnet/beaconet

Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Smith, Tim" <n1btq@ne.mediaone.net>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Friday, October 13, 2000 17:54
Subject: [propnet] Re: SNJ status

> I just tried again and still can't reach it from here....must be my
local
> ISP. I substitue the halo for a six meter Ringo....
>
> 73,
>
> Tim
>
> -----Original Message-----
> From: bounce-propnet-20520@lists.tapr.org
> [mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Evhen Tupis
> (W2EV)
> Sent: Friday, October 13, 2000 12:59 PM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Re: SNJ status
>
>
> Hi Tim,
> The link works for me (http://go.to/BEACONet). You may want to try
again
> later. By the way...halo is not a good antenna for this system. A
simple
> vertical is what will work best (we're all vertically polarized by
> definition).
>
> Ev, W2EV
>
>
> "Smith, Tim" wrote:
>
> > Hello Ed and Propnetters:

> >
> > >>>(http://go.to/BEACONet), please let us know if you have any
> > >>>"stealthy" stations nearby that aren't documented on the map
> > >>>(even if they are BBS's on the channel, etc.).
> >
> > Can't get to that address.
> >
> > I hope to free up some hardware in the next 2-3 weeks to put up at
least
> > 10-20 watts and a halo in fn41.
> >
> > 73,
> >
> > Tim N1BTQ
> >
> > ---
> > You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> > To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>
>
> ---
> You are currently subscribed to propnet as: n1btq@ne.mediaone.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: n1btq@ne.mediaone.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

65. [propnet] Re: ATTN:KF6JS, WB6EKU

From: Cliff Buttschardt <cbuttsch@slonet.org>
Date: Fri, 13 Oct 2000 21:48:06 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-114849-2000.10.13-16.43.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all. The message below prompted me to return to an omni
antenna as well. With both of you almost 180 degrees apart,
I would think a pair of phased J antennas would be in order!
     So I've put up ONE J for now but increased power to 130
watts. Same ten minute interval and 24/7. Cliff K7RR CM95

"Ev Tupis (W2EV)" wrote:

> Thanks for the "heads up" Jeff. I'll go back to the
> omnidirectional again and see what pops up on the screen.
> With the High Pressure system over the east coast, we may
> see something from Ohio to NY or New England to NY or The
> Carolinas to NY.
>
> Please, folks...if you can stick to it 24/7 then we will
> have the greatest chance for yet more successes. Also...be
> sure to check you MHEARD lists (on Level-I systems) and
> screen-maps (on Level-II systems). If you have a chance to
> compare that against the map on the website
> (http://go.to/BEACONet), please let us know if you have any
> "stealthy" stations nearby that aren't documented on the map
> (even if they are BBS's on the channel, etc.).
>
> Ev, W2EV
>
> ---
> You are currently subscribed to propnet as: cbuttsch@slonet.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

66. [propnet] Check this out!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 14 Oct 2000 10:16:22 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115003-2000.10.14-12.14.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey, y'all, look at this packet I received on 144.39:

TSASWO>APRS::NWS-TEST :141100z,SKY,CW_ATSA, -NO Activation Expected {DAuAA

      It appears to me that I received it DIRECT, with no digis
involved. Best ID I can get is that it came from SAN ANTONIO, TEXAS, 438
miles from here!

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

67. [propnet] Configured UI-View32 v 1.38

From: "Donald Jacob" <dejacob@flash.net>
Date: Sat, 14 Oct 2000 19:40:07 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115067-2000.10.14-21.50.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,
I configured UIview32 ver 1.38 using your instructions. They are very well
done.
Since I do not enter Latitude and Longitude there is no icon at my location.
Is this necessary?
No stations heard so far after over a week beaconing, still waiting.

Should have another station on in the Los Angeles area next week. Will
inform you when it happens.

73
Don wb5eku
DM04sg

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

68. [propnet] Re: Check this out!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 14 Oct 2000 21:09:02 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115070-2000.10.14-22.18.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:16 AM 10/14/00 -0600, Earl Needham blasted the following out into the
ether:

>   Hey, y'all, look at this packet I received on 144.39:
>
>TSASWO>APRS::NWS-TEST :141100z,SKY,CW_ATSA, -NO Activation Expected {DAuAA
>
>   It appears to me that I received it DIRECT, with no digis
> involved. Best ID I can get is that it came from SAN ANTONIO, TEXAS, 438
> miles from here!

Actually, I've been informed this came from Tulsa, a mere 417
miles. Direct...

7 3
Earl

> 7 3
> Earl
>
>
>Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
>Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
>Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
>you breathe...)
>
>
>---
>You are currently subscribed to propnet as: KD5XB@AMSAT.ORG
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

69. [propnet] Fwd: [aprssig] METEOR ACTIVITY FOR LATE OCTOBER 2000

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 15 Oct 2000 19:45:05 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115231-2000.10.15-23.19.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>X-Sender: blitz@mail.macronet.net
>Date: Sun, 15 Oct 2000 21:29:57 -0400
>To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
>From: blitz <blitz@macronet.net>
>Subject: [aprssig] METEOR ACTIVITY FOR LATE OCTOBER 2000
>List-Unsubscribe: <mailto:leave-aprssig-17790R@lists.tapr.org>
>List-Software: Lyris Server version 3.0
>List-Subscribe: <mailto:subscribe-aprssig@lists.tapr.org>
>List-Owner: <mailto:owner-aprssig@lists.tapr.org>
>X-Message-Id: <3.0.5.32.20001015212957.008ff960@mail.macronet.net>
>Sender: bounce-aprssig-17790@lists.tapr.org
>
>METEOR ACTIVITY FOR LATE OCTOBER 2000
>
>By Alastair McBeath, SPA Meteor Section Director
>The Orionid maximum is fast approaching, expected on Friday October 20-21.
>Zenithal hourly rates (ZHRs) should be around 20-25, but observed rates
>will be lower, as from Britain, the shower's radiant in Orion's "club"
>asterism is never more than halfway to the zenith at best, around 04h-05h
>UT. Useful observations can begin around 23h30m. Unfortunately, the last
>quarter Moon in Cancer rises between 22h-23h on October 20-21, creating
>serious problems for Orionid-watching. Orionids continue to be seen until
>about November 7,
>but at much reduced levels. The waning gibbous Moon is even worse for
>those seeking the pre-maximum peak sometimes seen around October 17-18,
>which can produce ZHRs equal to the main peak (most recently in 1998).
>Late October's new Moon is excellent for checking on possibly enhanced
>Taurid activity then, well before the twin Taurid showers produce their
>low, lengthy maximum in November. Increased numbers of Taurid fireballs
>(meteors of magnitude -3 or brighter) and rare higher ZHRs occasionally
>appear in the closing days of October and the first few of November. The
>most recent enhancement in 1998
>saw Taurid ZHRs of about 8-10 (twice the expected values) from October
>27-31 for example, with more fireballs than normal. The Taurids are well
>on-view nearly all night. See the Meteor Section pages of the SPA's
>Website at http://www.popastro.com for details on how to observe meteors

>and where to submit your reports. Good luck and clear skies!
>
>MORE METEORITES
>
>Researchers have come up with an explanation for why Earth is bombarded by
>many more meteorites than current theories predict. Their results are
>based on a simple observation made by a Russian engineer more than a
>hundred years ago. Some researchers have estimated that a thousand tons
>of meteorites, fragments of asteroids, hit the Earth every year. This is
>several times higher than standard theories about the movement of the
>planets and asteroids account for.   It is thought that the answer lies in
>the Yarkovsky
>Effect. Yarkovsky realised that a small body spinning in space warmed by
>the sun's rays would not give off heat evenly. Instead, more heat would be
>emitted from certain parts of the meteoric asteroid than others as it
>rotates.   The 'afternoon' side of a rotating body is warmer than the
>'morning' side, and the re-radiation of the sun's heat produces a small
>net force across its path, causing the rock to drift from its original
>orbit." The emitted heat, like a tiny rocket jet, makes the rock recoil
>in the opposite direction, eventually nudging it in the direction of the
>Earth. The Yarkovsky effect significantly increases the efficiency of the
>delivery
>of meteorites to the Earth, while at the same time allowing a much wider
>range of asteroids to contribute to the flux of meteorites.
>
>TAGISH LAKE METEORITE
>
>Further chemical analysis of the giant meteorite which fell into Lake
>Tagish in Canada last January has shown that it is rich in amino acids.

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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70. [propnet] Beacon Positions in UI-View

From: "Donald Jacob" <dejacob@flash.net>
Date: Mon, 16 Oct 2000 19:31:40 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115344-2000.10.16-21.41.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I guess that I am a bit dense. I am still confused about entering Lat/Long
into UI-View for Beacon.
In Ev's Instructions he says to leave the Latitude and Longitude blank in
"Station Setup". Does UI-view not put the ICON on the map automatically?
Doesn't UI-view calculate air miles distance to the received station?
What am I missing? or just dense!

Thanks
Don wb5eku
DM04sg

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

71. [propnet] Re: Beacon Positions in UI-View

From: Roger Barker <roger@peaksys.co.uk>
Date: Tue, 17 Oct 2000 09:25:55 +0100
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115405-2000.10.17-03.36.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-115344-2000.10.16-21.41.08--roger#peaksys.co.uk@lis
ts.tapr.org>, Donald Jacob <dejacob@flash.net> writes
>I guess that I am a bit dense. I am still confused about entering Lat/Long
>into UI-View for Beacon.
>In Ev's Instructions he says to leave the Latitude and Longitude blank in
>"Station Setup". Does UI-view not put the ICON on the map automatically?
>Doesn't UI-view calculate air miles distance to the received station?

>What am I missing? or just dense!

For normal use you fill in the lat and long. However, if all you want to
do is to transmit a grid locator, which gives a much shorter frame than
sending a full lat and long, then you can leave lat and long blank and
put your grid locator in the comment, like - [IO92XX]

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

72. [propnet] Quick and Dirty UI-View troubleshooting tip #1

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 17 Oct 2000 06:42:34 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115411-2000.10.17-06.36.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm still scratching my head over some eMail/ISP problems.
I think I've sent messages, when in fact they are not sent
after all. My sincere appologies to anyone waiting for a
response from me. I'll figgure it out between changing
diapers (I'm way too old to have twins <grin>).

Anyway...this is a quick "test" for proper configuration of
your UI-View system: your OWN icon ought to appear on your
computer screen within no longer than 10-minutes.

If it does not, then something is wrong. If you want to
troubleshoot a bit, you may observe what is being sent and
decoded by simply opening a terminal window (from the
pull-down menu). This may be invaluable to the
troubleshooting process as you can observe that the packets
are formatted correctly for display. Additionally, you can
check the stations list. If you appear there, but not on
the screen, it is probable that your packet is simply
ill-formatted. Just fyi!

Ev, W2EV

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73. [propnet] Meteor Mode Update

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 17 Oct 2000 12:37:57 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115440-2000.10.17-11.49.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The BEACONet website has been updated with Meteor Mode
information...just in time for the Leonids in November. FYI, in case
anyone would like to check it out!

Ev, W2EV

http://go.to/BEACONet

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

74. [propnet] Leonids Preparation

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 17 Oct 2000 18:49:08 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115484-2000.10.17-17.58.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Leonids meteors are on their way. It's time to get prepared for
them...and BEACONet is just the way to do it! :o)

Ev, W2EV
http://go.to/BEACONet

Preliminary information from:
http://web.infoave.net/~meteorobs/2000targets.html

Shower	Activity Period	Maximum Date	V km/s	r	ZHR	IMO Code
Leonids	Nov 14-Nov 21	Nov 17	71	2.5	100+	LEO

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75. [propnet] Re: propnet

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 19 Oct 2000 02:26:50 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR PropNET Remailer <propnet@lists.tapr.org>
Message-ID: <LYR1548-115640-2000.10.19-02.15.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> my name is john WL7OU in shiner, tx. this sounds
> interesting. all i have is a mfj-1278b tnc. i am able to
> get out about 170 watts on 2 meters. i dont think the tnc
> has a node function fron what i can tell. would i be of
> any assistance. my location is 90 miles east of san
> antonio, tx (EL19). my email address is jrrns@techisp.com
> please let me know. thanks john

Hi John,
By all means, join us! :o) Information on setting up for
BEACONet/PropNET operation may be found on
http://go.to/BEACONet. If you are interested in setting up
a 24/7 station without any special software, follow the
instructions for a "Level-I Text-only System". If you'd
like to see receptions displayed on a map of the USA (a very
cool way to participate, btw), start with the "Level-I"
setup, then proceed to the "Level-II" setup. You can
download the software for a Level-II station right from the
website, as well as see examples of the type of screen you
could expect.

We'll be playing with bouncing signals off of meteor trails
during the November Leonids, too. Your 170 watts into a
small beam (4-elements or more) will play very well.
Please, join us! :o)

Lastly, while you are on the website, sign-up for the eMail
Remailer. It is quite low in volume but very high in
quality. That is where you can rub elbows with others with
similar interests.

Thanks for your inquiry. Let me know if I can help you to
get "radio active". At present, I'm not aware of anyone in
your "line-of-sight" that is active, so your participation
would be greatly appreciated. By the way...we are in the
middle of the "Fall '00 Tropo Experiment", wherein folks are
being asked to stay active 24/7 through at least Dec 1 with
the hopes of plotting some propagation anamolies using this
system. Your QTH near San Antonio would be a great location
to add to the participation map (which you can also check
out on the website).

Regards,
Ev Tupis, W2EV

PS> I've cc:'d my reply to the remailer (listserv) to let
folks know that there is interest on your part and that you
are thinking of joining us. Please join us if you can.

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76. [propnet] New 6-meter BEACONet-er!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 19 Oct 2000 02:48:22 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115641-2000.10.19-02.15.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
I just received this eMail message direct and decided to
copy it to the listserv to let you know about another
newcomer to BEACONet! This time, a 6-meter operator!
hoooooo hahhhhhh! :o)

At present, Doug is not a listserv member, but I'm
encouraging him to join us here as soon as he can. Please
drop him a note of encouragement, would you?

Ev, W2EV

PS- Doug makes a good point. It may be time for me to begin
to assemble a list of 6-meter folks (as I've done for the
2-meter crows). I've been dragging my heals because my gut
tells me that there are probably only a half-dozen or so
folks actually on 6-meters these days...and I didn't want to
be discouraging to our 6-meter pioneers <smile>. But maybe
it's time. Stand by and I'll get ready to manage doing
so...I'll float a message to the listserv when I'm ready to
do that.

Subject: two newbies
   Date: Wed, 18 Oct 2000 08:43:26 -0700
   From: Doug Cooper <dougc@efn.org>
     To: beaconet@go.to
Hello,
  I have my packet in beacon mode on 53.53 continuously
as of 10.15.00. I run 5 watts to a "sqloop" about 20 feet
up in my attic. Do you have a list of anyone else on 6m?
Are there many that are active out here in the west? I
think this is a super idea; I hope it take off as an
active part of amateur radio.
  Hope we get more ops going with this. My grid is cn84,
Eugene, Oregon.
                        de n7cnh/doug

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77. [propnet] KISS TNC for $90 wired & tested

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 20 Oct 2000 06:57:41 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115759-2000.10.20-06.43.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got my November 2000 QST, and noticed that it
includes an article on a PIC-based KISS-mode TNC! Wow. If
you haven't read it yet, please take a moment to do so.
John Hansen (W2FS) has done a fine job of providing us with
yet another resource for inexpensivly participating in our
facet of the hobby.

There's one "grey area" that I'm exploring from a BEACONet
perspective (http://go.to/BEACONet), but this sure looks
like a winner. The wired and tested unit mentioned in the
Subject Header is accompanied by a board & parts kit for
less money for the "so inclined". :o)

It will be interesting to experiment with this a bit.

FYI,
Ev, W2EV

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78. [propnet] China & 6-meters

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 20 Oct 2000 06:59:11 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115760-2000.10.20-06.44.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is interesting to note that the November 2000 issue of
QST mentions that China has an allocation all the way to
54-MHz. Now, to engender some interest in BEACONet at
53.53! :o)

Ev, W2EV

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79. [propnet] 6m beacon in Oregon

From: "Doug Cooper" <dougc@efn.org>
Date: Fri, 20 Oct 2000 9:37:55
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115816-2000.10.20-09.47.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just want to let evryone know, that there are now two 6 meter Level one
stations on the air. One is kc7qag in cn84jb and n7cnh in cn84jc. Hope to
hear something. I think 6m, which is subject to more openings than 2m,
might be a real blast if some more stations can get on the air. 73
        de n7cnh/doug

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80. [propnet] Re: KISS TNC for $90 wired & tested

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Fri, 20 Oct 2000 10:06:12 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Message-ID: <LYR1548-115835-2000.10.20-12.15.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good news this! Glad to hear of it and looking forward to QST arriving.
We need a TNC to put in a satellite we are building as well. Cliff K7RR

On Fri, 20 Oct 2000, Ev Tupis (W2EV) wrote:

> I just got my November 2000 QST, and noticed that it
> includes an article on a PIC-based KISS-mode TNC! Wow. If
> you haven't read it yet, please take a moment to do so.
> John Hansen (W2FS) has done a fine job of providing us with
> yet another resource for inexpensivly participating in our
> facet of the hobby.
>
> There's one "grey area" that I'm exploring from a BEACONet
> perspective (http://go.to/BEACONet), but this sure looks
> like a winner. The wired and tested unit mentioned in the
> Subject Header is accompanied by a board & parts kit for
> less money for the "so inclined". :o)
>
> It will be interesting to experiment with this a bit.
>
> FYI,
> Ev, W2EV
>
>
>
> ---
> You are currently subscribed to propnet as: cbuttsch@slonet.org

> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

81. [propnet] Re: KISS TNC for $90 wired & tested

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Fri, 20 Oct 2000 17:27:35 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115873-2000.10.20-19.36.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just got the QST mentioned below. Not all that specific for what we need
to do. At least there is something in the way of outfitting a station
without having to buy EVERYTHING!!!   Cliff K7RR

On Fri, 20 Oct 2000, Clifford Buttschardt wrote:

> Good news this! Glad to hear of it and looking forward to QST arriving.
> We need a TNC to put in a satellite we are building as well. Cliff K7RR
>
>
> On Fri, 20 Oct 2000, Ev Tupis (W2EV) wrote:
>
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> > Ev, W2EV
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> >
> > ---
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82. [propnet] Re: KISS TNC for $90 wired & tested

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Fri, 20 Oct 2000 18:24:50 -0700 (PDT)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115877-2000.10.20-20.36.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Unfortnately, this QST article is only ten percent of what is required to
do the job at hand. Unfortunately, this is typical of the "dumbing down
of ham radio"=====just another example.   Cliff K7RR

On Fri, 20 Oct 2000, Clifford Buttschardt wrote:

> Just got the QST mentioned below. Not all that specific for what we need
> to do. At least there is something in the way of outfitting a station
> without having to buy EVERYTHING!!!   Cliff K7RR
>
>
> On Fri, 20 Oct 2000, Clifford Buttschardt wrote:
>
> > Good news this! Glad to hear of it and looking forward to QST arriving.
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> >
> >
> > On Fri, 20 Oct 2000, Ev Tupis (W2EV) wrote:
> >
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> > > facet of the hobby.
> > >
> > > There's one "grey area" that I'm exploring from a BEACONet
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> > > Subject Header is accompanied by a board & parts kit for
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> > >
> > > It will be interesting to experiment with this a bit.
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

83. [propnet] Re: KISS TNC for $90 wired & tested

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 21 Oct 2000 08:36:49 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-115918-2000.10.21-07.47.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Clifford Buttschardt wrote:
> Unfortnately, this QST article is only ten percent of what is required to
> do the job at hand. Unfortunately, this is typical of the "dumbing down
> of ham radio"=====just another example.   Cliff K7RR

I'm not sure that I follow, Cliff. What's the "job at
hand"? I read that it is a PIC/KISS TNC. What about it
won't work? Knowing John's reputation, I'm a bit suprised
that it is incomplete in some way...but then again, I'm not
a hardware guy, so I may not be seeing something.

Ev, W2EV

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84. [propnet] Here's SOME DX!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 22 Oct 2000 08:34:32 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116015-2000.10.22-09.48.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What the heck? This came in last night, black in WinAPRS, indicating
TCP/IP, but I haven't connected, so where did it come from?

ZZ2OJG>APW243,PU2RYQ-10*,WIDE::ZZ2YAF   :eu vi bom pro ceis, rapaz meu
indicativo pintou no jagua6hihih..{037
ZZ2OJG>APW243,PU2RYQ-10*,WIDE::ZZ2YAF   :eu vi bom pro ceis, rapaz meu
indicativo pintou no jagua6hihih..{037
ZZ2OJG>APW243,PU2RYQ-10*,WIDE::ZZ2YAF   :o meu ja veio junto com o 2.43,
tinha um americano querendo{045
ZZ2OJG>APW243,PU2RYQ-10*,WIDE::ZZ2YAF   :o meu ja veio junto com o 2.43,
tinha um americano querendo{045
ZZ2OJG>APW243,PU2RYQ-10*,WIDE::ZZ2YAF   :ack011
ZZ2OJG>APW243,PU2RYQ-10*,WIDE::ZZ2YAF   :ack011

ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack039
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack039
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack040
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack040
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack044
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack044
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack046
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack046
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack047
ZZ2YAF*>APW246,RELAY,WIDE::ZZ2OJG   :ack047
ZZ2YAF>APW246,PU2RYQ-10*,WIDE::PY2KXH   :?ver?{013
ZZ2YAF>APW246,PU2RYQ-10*,WIDE::PY2KXH   :?ver?{013

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

85. [propnet] Re: Here's SOME DX!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 22 Oct 2000 08:57:01 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116066-2000.10.22-15.53.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:34 AM 10/22/00 -0600, *I* sent:
><snip>
>ZZ2OJG
><snip>
>ZZ2YAF*
><snip>

      Uh -- just where IS ZZ2, anyway???

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

86. [propnet] Re: Here's SOME DX!

From: "Jeff" <kb2wqm@dandy.net>
Date: Sun, 22 Oct 2000 18:01:07 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116079-2000.10.22-17.10.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brazil.

73 Jeff kb2wqm

----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Sunday, October 22, 2000 10:57 AM
Subject: [propnet] Re: Here's SOME DX!

> At 08:34 AM 10/22/00 -0600, *I* sent:
> ><snip>
> >ZZ2OJG
> ><snip>
> >ZZ2YAF*
> ><snip>
>
>   Uh -- just where IS ZZ2, anyway???
>
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: kb2wqm@dandy.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

87. [propnet] Re: Here's SOME DX!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 23 Oct 2000 06:33:48 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116150-2000.10.23-06.21.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> What the heck? This came in last night, black
> in WinAPRS, indicating TCP/IP, but I haven't
> connected, so where did it come from?
>
> ZZ2OJG>APW243,PU2RYQ-10*,WIDE::ZZ2YAF   :eu vi
> bom pro ceis, rapaz meu indicativo pintou no
> jagua6hihih..{037

I'm starting to think that Clovis and Roswell are sister
cities. :o) If the icons are dark, then WinAPRS thought
they came through a telnet port to get to you. That would
discount Brazilian FAI propagation (which would be very neat
to believe happened)-- I'm not even sure that Brazil uses
the same APRS frequency as does the USA. That would also
discount someone in your area "playing games" with a
call-modifying digipeater.

I think the best explanation is that WinAPRS was running in
the background with an "auto reconnect" option turned on

when a member of your family decided to surf the net for a
few moments...then you came home, startling them, and they
logged off. :o)

This one may, however, be a case for Mulder and Fox. :o)

Ev, W2EV

By the way...for the new folks on the listserv, Earl is in
New Mexico and regularly participates on both BEACONet and
APRS. The catch that he's referring to is an APRS issue.

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

88. [propnet] Website updates

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 23 Oct 2000 06:37:38 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116151-2000.10.23-06.23.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks,
I've uploaded a new Perseids screenshot to the web site
(http://go.to/BEACONet) under the "Working Proof"
hyperlink. It was forwarded by Dave, KV4CN. By the
way...I'll be looking for screenshots of Leonids successes
to post, too. Please keep that in mind as you participate
this year.

Also added, a new hyperlink called "Fast Links". It is
designed for folks who want the turbo-tour of BEACONet. As
that page states, it's for folks that "... don't need no
stinkin' tutorials". :o)

Ev, W2EV

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89. [propnet] Re: Here's SOME DX!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 23 Oct 2000 06:34:04 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116155-2000.10.23-07.46.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:33 AM 10/23/00 -0400, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>I think the best explanation is that WinAPRS was running in
>the background with an "auto reconnect" option turned on
>when a member of your family decided to surf the net for a
>few moments...then you came home, startling them, and they
>logged off. :o)

      But, if that happened, why don't I see stations in England, Japan,
etc.? No, more likely it was a local Igate that does NOT put it's callsign in.

      Wish they all WOULD insert their callsigns...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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90. [propnet] Partial Reception?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 23 Oct 2000 17:37:56 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116225-2000.10.23-16.47.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I checked my MHEARD and got a "GYK" in the list along with some
rubbish-stuff. If memory serves, W3GYK is in southern Norh Carolina.
Can anyone confirm that this station is still participating in the Fall
'00 Tropo Experiment on 147.585?

Ev, W2EV
FN03 - South Shore of Lake Ontario
Western New York

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91. [propnet] Fwd: [cq-l] Stand by for more aurora...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 25 Oct 2000 19:12:29 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116536-2000.10.25-23.11.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>X-Sender: K6ZDL@server.3lefties.com
>X-Mailer: Windows Eudora Pro Version 3.0 (32)
>Date: Wed, 25 Oct 2000 17:06:17 -0600
>To: KD5XB@amsat.org
>From: W2VU@aol.com (by way of Norm Koch <K6ZDL@server.3lefties.com>)
>Subject: [cq-l] Stand by for more aurora...
>
>Hi all --
>
>The following is from SpaceWeather.com:
>
>This morning (10/25) a full halo coronal mass ejection (CME) sped away from
>the
>Sun faster than 620 km/s. The leading edge of a solar wind shock wave could
>arrive in the neighborhood of Earth later this week and possibly trigger
>auroras. For details and animations please visit http://www.spaceweather.com
>
>-----------
> >From CQ: It usually takes about 3 days for the solar wind to carry the
> shock
>wave from a CME to reach the earth. When it does, depending on the angle at
>which it hits and a variety of other factors, the interaction between the
>solar particles and the Earth's magnetic field can trigger an aurora.
>Depending on the intensity of the aurora, effects can be as significant as a
>complete shutdown of HF propagation. But along with this comes enhanced
>propagation via the aurora at VHF. If the HF bands seem unusually quiet later
>this week, switch to 6 or 2 meters (10, 222 and 432 may show effects as well,
>but most activity is on 6 and 2) CW or SSB, and point your antenna generally
>north (between northwest and northeast). Listen for wavery, watery, toneless
>signals.
>
>In similar notices in the recent past, we've suggested that CW is the only
>way to go for making Au contacts and that SSB gets too garbled. We've been
>corrected by at least one reader who says he has enjoyed many an SSB Au QSO.
>So, even if your code skills are zero, listen for Au signals on SSB as well
>(on and around the SSB calling frequencies of 50.125 and 144.200 MHz).
>
>Good luck and don't forget the CQ World Wide DX Contest SSB section this
>weekend (hopefully, any effects of this CME will have subsided by contest
>time).
>
>73,
>Rich W2VU
>Editor, CQ

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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92. [propnet] Beacon Net Registration Page - please test

From: Richard Parry <rparry@qualcomm.com>
Date: Wed, 25 Oct 2000 22:22:56 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116555-2000.10.26-00.32.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have implemented a Beacon Net Registration Page to allow users to easily
register that they will be operating in the November Leonids Meteor Scatter
event. I will be opening the Registration page officially on Monday, but
would like a few folks to give it a test. Ev has looked at it and provided
excellent feedback. I would like a few more folks to help get all the bugs out.

It should take less than 2 minutes to register, feel free to give "bogus"
information if like to test the page.

http://w9if.net/cgi-bin/beaconet/main.pl

thanks in advance,

Rich Parry

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

93. [propnet] AstroAlert: Middle Latitude Auroral Activity Watch - 28-29 Oct

From: Cary Oler <oler@solar.spacew.com> (by way of Earl Needham <KD5XB@AMSAT.ORG>)
Date: Thu, 26 Oct 2000 06:18:06 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116581-2000.10.26-07.28.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A s t r o A l e r t
Sun-Earth Alert

Solar Terrestrial Dispatch
http://www.spacew.com

26 October 2000

Supporting imagery is available at:
http://www.spacew.com/astroalert.html

Note: To convert UTC times to EDT, subtract 4 hours from the indicated
UTC time. For PDT, subtract 7 hours from the UTC time.

MIDDLE LATITUDE AURORAL ACTIVITY WATCH FOR 28-29 OCTOBER

ACTIVATION: 00:00 UTC 28 OCTOBER
VALID UNTIL: 19:00 UTC ON 30 OCTOBER

HIGH RISK PERIOD: 28 OCT - 29 OCT
MODERATE RISK PERIOD: 28 OCT - 30 OCT

PREDICTED ACTIVITY INDICES: 10, 10, 20, 20 (26 OCT - 29 OCT)

POTENTIAL MAGNITUDE OF MIDDLE LATITUDE AURORAL ACTIVITY: MODERATE

ESTIMATED OPTIMUM OBSERVING CONDITIONS: NEAR LOCAL MIDNIGHT

EXPECTED LUNAR INTERFERENCE: NONE

EXPECTED OPPORTUNITY FOR OBSERVATIONS FROM MIDDLE LATITUDES: FAIR

AURORAL ACTIVITY _MAY_ BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...

WASHINGTON STATE TO SOUTHERN MONTANA TO NORTHERN SOUTH DAKOTA TO
MINNESOTA TO WISCONSIN TO MICHIGAN TO DARK-SKY REGIONS OF NEW YORK STATE

TO DARK SKY SITES OF SOUTHERN MAINE.

ACTIVITY _MAY_ ALSO BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...

EXTREME NORTHERN UNITED KINGDOM TO NORTHERN DENMARK TO SOUTHERN SWEDEN TO FINLAND TO NORTHERN RUSSIA. EXTREME SOUTHERN REGIONS OF NEW ZEALAND AND SOUTHEASTERN AUSTRALIA MAY ALSO SPOT PERIODS OF ACTIVITY.

SYNOPSIS...

A long-duration x-ray class C4 proton flare (most likely a filament associated Hyder-flare) was observed at 11:24 UTC on 25 October near spotless solar Region 9202 (near N10W56). This event was correlated in imagery obtained by Kanzelhohe Solar Observatory (http://www.solobskh.ac.at) and was also correlated with a series of large expanding arcades observed in SOHO extreme ultraviolet imagery. High energy protons began arriving at the Earth shortly after 12:00 UTC and a large halo coronal mass ejection was observed leaving the Sun near 08:50 UTC. This coronal mass ejection is directed Earthward sufficiently to produce an impact.

This disturbance is expected to arrive sometime on 28 or 29 October. The intensity of the disturbance will probably not be very substantial. However, the moonless sky on 28 and 29 October will provide optimally dark skies for observing faint aurora. As a result, observations of low to moderate intensity aurora may be possible for many dark-sky middle latitude sites. This disturbance may approach 48 hours or more in duration.

This watch will remain in effect through 19:00 UTC on 30 October. It will then be updated or allowed to expire.

IF YOU OBSERVE WHAT YOU SUSPECT MAY BE AURORAL ACTIVITY, PLEASE SUBMIT YOUR OBSERVATIONS TO:

http://www.spacew.com/www/auroras.html.

A VERY HANDY AND EASY TO USE SOFTWARE PACKAGE IS AVAILABLE FOR THOSE WHO ARE INTERESTED IN MONITORING AURORAL ACTIVITY IN REAL-TIME AT:

http://www.spacew.com/aurora

A Trial Version is available for a limited time.

** End of AstroAlert **

==========
AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to AstroAlert subscribers. If you feel you received it in error, or to unsubscribe from AstroAlert, please see our unsubscribe form at http://www.skypub.com/news/astroalert/unsubscribe.html or send a plain-text e-mail to majordomo@skypub.com with the following line (and nothing else) in the body of the message:
unsubscribe sun-earth e-mail@address.com
replacing "e-mail@address.com" with your actual e-mail address.
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94. [propnet] Re: Partial Reception?

From: "Wayne Ackerman" <wwackerm@teleplex.net>
Date: Thu, 26 Oct 2000 15:02:43 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116621-2000.10.26-15.12.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev:

I have been running 24/7 on 147.585 up until 10/18. Then was away for a week and put the signal back on last night, 10/25. Currently running 50 watts to a vertical with a gain of 6.2 dbi. When we get to the Leonids, will increase power, but it upsets other things in the house! You don't mention exactly when you heard the "GYK" but unless it was before 10/18, it wasn't me! Location is EM85vf, southwestern NC, near I-26, four miles above

the South Carolina border.

Wayne W3GYK

----- Original Message -----
From: Ev Tupis (W2EV) <propnet@greeceny.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Monday, October 23, 2000 5:37 PM
Subject: [propnet] Partial Reception?

> I checked my MHEARD and got a "GYK" in the list along with some
> rubbish-stuff. If memory serves, W3GYK is in southern Norh Carolina.
> Can anyone confirm that this station is still participating in the Fall
> '00 Tropo Experiment on 147.585?
>
> Ev, W2EV
> FN03 - South Shore of Lake Ontario
> Western New York
>
>
>
> ---
> You are currently subscribed to propnet as: wwackerm@teleplex.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

95. [propnet] Re: Partial Reception?

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Thu, 26 Oct 2000 17:17:15 -0400
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116627-2000.10.26-16.24.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Wayne...that sounds like Saluda/Tryon area. I have land over in Green
Creek. You should contact WSPA TV and ask them if you can put a prop beacon
on top of Hogback Mountain!

73,

Tim Smith, N1TI

Soon to have six on...if I can ever stop travelling long enough!

-----Original Message-----
From: bounce-propnet-20520@lists.tapr.org
[mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Wayne Ackerman
Sent: Thursday, October 26, 2000 3:03 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: Partial Reception?

Ev:

I have been running 24/7 on 147.585 up until 10/18. Then was away for a
week and put the signal back on last night, 10/25. Currently running 50
watts to a vertical with a gain of 6.2 dbi. When we get to the Leonids,
will increase power, but it upsets other things in the house! You don't
mention exactly when you heard the "GYK" but unless it was before 10/18, it
wasn't me! Location is EM85vf, southwestern NC, near I-26, four miles above
the South Carolina border.

Wayne W3GYK

----- Original Message -----
From: Ev Tupis (W2EV) <propnet@greeceny.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Monday, October 23, 2000 5:37 PM
Subject: [propnet] Partial Reception?

> I checked my MHEARD and got a "GYK" in the list along with some
> rubbish-stuff. If memory serves, W3GYK is in southern Norh Carolina.

> Can anyone confirm that this station is still participating in the Fall
> '00 Tropo Experiment on 147.585?
>
> Ev, W2EV
> FN03 - South Shore of Lake Ontario
> Western New York
>
>
>
> ---
> You are currently subscribed to propnet as: wwackerm@teleplex.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: n1btq@ne.mediaone.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

96. [propnet] Fwd: AstroAlert: A Potential Halloween Night Light Show

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 29 Oct 2000 06:17:11 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-116974-2000.10.29-07.27.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: A Potential Halloween Night Light Show
>To: sun-earth@skypub.com
>Date: Sun, 29 Oct 2000 02:10:13 -0700 (MST)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   29 October 2000
>
>   ... as if Halloween night isn't already strange enough...
>
>
>   A moderately energetic solar flare (narrowly escaping a "major" category
>event) erupted from active sunspot Region 9209 at 01:54 UTC (9:54 pm EDT) on
>29 October. This solar flare was fairly "loud" at many radio frequencies. For
>instance, the burst of radio energy at 1800 MHz was almost ten times louder
>than the Sun normally is at that wavelength. This flare event was also
>associated with a coronal shock wave that propagated through the inner solar
>corona at a velocity near 1,200 kilometers per second (roughly 2.7 million
>miles per hour), marking the boundary of what is thought to be an outwardly
>propagating coronal mass ejection (CME). Although there has not been any
>confirming imagery from the SOHO spacecraft regarding the CME, the evidence
>is fairly strong that a portion of the associated CME should have been
>directed Earthward.
>
>   If this holds true, the Earth may see the impact of another coronal mass
>ejection disturbance during the mid to late UTC hours of 31 October. This
>anticipated disturbance will follow on the heels of the CME that impacted the
>Earth near 09:00 UTC on 28 October and produced periods of moderately
>vigorous auroral activity for many middle latitude observers across Canada
>and the northern United States (see: http://www.spacew.com/www/auroras.html).
>
>   This anticipated Halloween aurora display on 31 October has the
>potential of being more energetic than the event observed during the last 24
>hours, particularly if solar wind conditions within the CME present favorable
>properties.
>
>   A Middle Latitude Auroral Activity WATCH is being issued for the UTC
>days of 31 October and 01 November.
>
>   This should be a fairly good opportunity to observe auroral activity

>from many middle latitude locations. The moon should not interfere with
>attempts to view activity (it sets in the early evening hours as a small
>crescent). If the disturbance materializes, periods of active to brief major
>auroral storming may grace the skies of many middle and high latitude regions
>on Halloween night.
>
>
>** End of AstroAlert **
>==
>AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
>State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to
>AstroAlert subscribers. If you feel you received it in error, or
>to unsubscribe from AstroAlert, please see our unsubscribe form
>at http://www.skypub.com/news/astroalert/unsubscribe.html or send
>a plain-text e-mail to majordomo@skypub.com with the following
>line (and nothing else) in the body of the message:
>unsubscribe sun-earth e-mail@address.com
>replacing "e-mail@address.com" with your actual e-mail address.
>==

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97. [propnet] Re: Fwd: AstroAlert: A Potential Halloween Night Light Show

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 29 Oct 2000 13:40:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117002-2000.10.29-12.48.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,
Thanks for the "heads up" :o) literally. Due to your
posting, I kept an eye open last night and was treated to a
magnificent light show. I love the aurora!
Ev, W2EV

Earl Needham wrote:
>
> >From: Cary Oler <oler@solar.spacew.com>
> >Subject: AstroAlert: A Potential Halloween Night Light Show
> >To: sun-earth@skypub.com
> >Date: Sun, 29 Oct 2000 02:10:13 -0700 (MST)
> >X-Mailer: ELM [version 2.5 PL1]
> >Sender: owner-sun-earth@skypub.com
> >
> >   A s t r o A l e r t
> >   Sun-Earth Alert
> >
> >   Solar Terrestrial Dispatch
> >   http://www.spacew.com
> >
> >   29 October 2000
> >
> >   ... as if Halloween night isn't already strange enough...
> >
> >
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> >event) erupted from active sunspot Region 9209 at 01:54 UTC (9:54 pm EDT) on
> >29 October. This solar flare was fairly "loud" at many radio frequencies. For
> >instance, the burst of radio energy at 1800 MHz was almost ten times louder
> >than the Sun normally is at that wavelength. This flare event was also
> >associated with a coronal shock wave that propagated through the inner solar
> >corona at a velocity near 1,200 kilometers per second (roughly 2.7 million
> >miles per hour), marking the boundary of what is thought to be an outwardly
> >propagating coronal mass ejection (CME). Although there has not been any
> >confirming imagery from the SOHO spacecraft regarding the CME, the evidence
> >is fairly strong that a portion of the associated CME should have been
> >directed Earthward.
> >
> >   If this holds true, the Earth may see the impact of another coronal mass
> >ejection disturbance during the mid to late UTC hours of 31 October. This
> >anticipated disturbance will follow on the heels of the CME that impacted the
> >Earth near 09:00 UTC on 28 October and produced periods of moderately
> >vigorous auroral activity for many middle latitude observers across Canada
> >and the northern United States (see: http://www.spacew.com/www/auroras.html).
> >

> >   This anticipated Halloween aurora display on 31 October has the
> >potential of being more energetic than the event observed during the last 24
> >hours, particularly if solar wind conditions within the CME present favorable
> >properties.
> >
> >   A Middle Latitude Auroral Activity WATCH is being issued for the UTC
> >days of 31 October and 01 November.
> >
> >   This should be a fairly good opportunity to observe auroral activity
> >from many middle latitude locations. The moon should not interfere with
> >attempts to view activity (it sets in the early evening hours as a small
> >crescent). If the disturbance materializes, periods of active to brief major
> >auroral storming may grace the skies of many middle and high latitude regions
> >on Halloween night.
> >
> >
> >** End of AstroAlert **
> >==
> >AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
> >State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to
> >AstroAlert subscribers. If you feel you received it in error, or
> >to unsubscribe from AstroAlert, please see our unsubscribe form
> >at http://www.skypub.com/news/astroalert/unsubscribe.html or send
> >a plain-text e-mail to majordomo@skypub.com with the following
> >line (and nothing else) in the body of the message:
> >unsubscribe sun-earth e-mail@address.com
> >replacing "e-mail@address.com" with your actual e-mail address.
> >==
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

98. [propnet] Leonids Meteor Shower Registration Page

From: Richard Parry <rparry@qualcomm.com>
Date: Sun, 29 Oct 2000 20:21:55 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117036-2000.10.29-22.32.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

LEONIDS METEOR SHOWER REGISTRATION

Web Page registration is now available for those who will be participating
in the upcoming November Leonids Meteor Shower event. The purpose of
registering is to provide a real-time list of participants. This should
expedite communication and increase the chances of success. There are 8
questions, it should take about 1 minute to complete. Click on the URL
below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

I got interested in this facet of amateur radio after reading the article
by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of
success could be increased if I knew who was participating so I knew where
to point the beam. It was out of this need that I developed this
registration page. I hope that you find it useful.

For those interested in more information, the Nov 1999 QST article by W2EV
and the Nov 2000 issue of QST (page 28 and 83) may be useful.
Rich Parry, W9IF

Rich Parry

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

99. [propnet] New METEORegistry Service for Leonids!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 30 Oct 2000 05:56:01 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117071-2000.10.30-05.36.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to Rich Parry (W9IF), there is now a sign-up website
for participation in the upcoming Leonids meteor shower!
This is one nice METEORegistry. Rich has set it up to
catalog participants and the relative strength of their
station by noting RF output and antenna type, too!

It takes all of a single minute of time to fill out.
Results are displayed on a map, so you can see where the
potential activity is, graphically. The Leonids are about
two-and-a-half weeks away. Start giving some thought as to
your activity.

On an aside, I'm in the process of writing an article about
UI-packet technology (APRS and BEACONet/PropNET being two
examples). If you participate in the Leonids '00 event,
there is a good chance that you will be noted in the
article!

Here's an easy-to-remember URL: http://go.to/METEORegistry

For Windows-based software that has a *native* meteor mode
(15-seconds of TX followed by 45-seconds of RX), please
visit the BEACONet website at: http://go.to/BEACONet and
follow the hyperlink titled "Fast Links". WinAPRS' kludged
method of hunting meteors really ought to be abandoned for
this *significantly* more efficient system based on UI-View
(an honorware software package, btw).

Think Leonids!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

November 2000

Original source file: propnet.0011
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0011

1. [propnet] Re: DX

From: James Smith <k9apr@tawg.org>
Date: Wed, 01 Nov 2000 05:10:28 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR PropNET Remailer <propnet@lists.tapr.org>
Message-ID: <LYR1548-117402-2000.11.01-04.30.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Jeff,

Thought you would be interested in this propagation packet from your
digi.

KD4EVB-10>W9INX-7>KB9UQQ-10*>APRS:!3838.21NN08446.65W#PHG5240 NKDXE
Jonesville KY nkdxe@ntmax.com

W9INX-7 is located in Ft.Wayne, Indiana 173 miles from your location in
KY..
KB9UQQ-10 is located in Hartford City, Indiana 129 miles from you
location.

All this was received on Nov 1, 00 at 5:01:07 am..

73, James, K9APR
Chairman / Coordinator
Tri-State APRS Working Group
http://www.tawg.org
APRS Digi page http://www.tawg.org/digi.html

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] Re: DX

From: "Jeff" <kb2wqm@dandy.net>
Date: Wed, 1 Nov 2000 06:28:06 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117404-2000.11.01-05.37.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning James. I think you send me the wrong packet ? I would like to
see the one your talking about.

73 Jeff kb2wqm

----- Original Message -----
From: James Smith <k9apr@tawg.org>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Cc: TAPR PropNET Remailer <propnet@lists.tapr.org>
Sent: Wednesday, November 01, 2000 5:10 AM
Subject: [propnet] Re: DX

> Hello Jeff,
>
> Thought you would be interested in this propagation packet from your
> digi.
>
> KD4EVB-10>W9INX-7>KB9UQQ-10*>APRS:!3838.21NN08446.65W#PHG5240 NKDXE
> Jonesville KY nkdxe@ntmax.com
>
> W9INX-7 is located in Ft.Wayne, Indiana 173 miles from your location in
> KY..
> KB9UQQ-10 is located in Hartford City, Indiana 129 miles from you
> location.
>
> All this was received on Nov 1, 00 at 5:01:07 am..
>
> 73, James, K9APR
> Chairman / Coordinator
> Tri-State APRS Working Group

> http://www.tawg.org
> APRS Digi page http://www.tawg.org/digi.html
>
>
>
> ---
> You are currently subscribed to propnet as: kb2wqm@dandy.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Re: DX

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 01 Nov 2000 06:39:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117406-2000.11.01-05.49.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James Smith wrote:
> Hello Jeff,
> Thought you would be interested in this propagation packet from your
> digi.
>
> KD4EVB-10>W9INX-7>KB9UQQ-10*>APRS:!3838.21NN08446.65W#PHG5240 NKDXE
> Jonesville KY nkdxe@ntmax.com
>
> W9INX-7 is located in Ft.Wayne, Indiana 173 miles from your location in
> KY..
> KB9UQQ-10 is located in Hartford City, Indiana 129 miles from you
> location.
>
> All this was received on Nov 1, 00 at 5:01:07 am..

All of this on an APRS network that is not even designed to
propagate long distances. The only difference is that there
is a LOT more activity there than on 147.585, folks. As
more of us power up, these reports will be coming from
BEACONet.

Lurkers take heed! Time to activate! :o)
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: BEACONet

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 01 Nov 2000 06:33:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR BEACONet Remailer <propnet@lists.tapr.org>
Message-ID: <LYR1548-117407-2000.11.01-05.50.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> KD6PPM active on beaconet frequency 147.585. DM12kx San Diego, Ca.
> Tony KD6PPM

Hi Tony,
This is GREAT news! I'll add your icon to the map on the
website (http://go.to/BEACONet). Will you be active 24/7?
Also...what type of antenna and power are you running?

It would be nice to have you subscribed to the
BEACONet/PropNET listserve (eMail remailer) to "network"
with other BEACONet-ers, too. If you haven't already, be
sure to signup (there is a link to do it on the website,
too).

You're just in time for the Leonids meteor shower. If
you're using a Level-II station and some good power, you
stand a good chance of having some DX show up on your screen
around November 17th or so.

I'm going to copy this note to the remailer, so that others
will know that you've just come aboard, too. Several CA

stations are on...they will be happy to know you are there.

Welcome aboard!
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

5. [propnet] METEORegistry Down Temporarily

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 01 Nov 2000 18:53:26 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117556-2000.11.01-18.02.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry for the misqueue, folks. It seems that the internet
connection to Rich's web server has been interrupted.
http://go.to/METEORegistry ought to be be back within the
day. Check tomorrow to register your intent to play on the
Leonids this year!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

6. [propnet] New Beacon On Air

From: "Donald Jacob" <dejacob@flash.net>
Date: Wed, 1 Nov 2000 17:51:30 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117574-2000.11.01-20.02.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

K6CBS DM04tb
50 Watts into 6Db station master at 125 feet
Beacon every 10 minutes
Located in Hollywood, CA.

Don WB5EKU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

7. [propnet] Leonids Meteor Shower Registration Page Available

From: Richard Parry <rparry@qualcomm.com>
Date: Wed, 01 Nov 2000 21:06:00 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117610-2000.11.01-23.16.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Problems with at the Central Office (CO) caused the METEORegistry to be
down for a day. Sorry for any inconvenience. This is very unusual. Several
folks have already signed up!

LEONIDS METEOR SHOWER REGISTRATION

Web Page registration is now available for those who will be participating
in the upcoming November Leonids Meteor Shower event. The purpose of
registering is to provide a real-time list of participants. This should
expedite communication and increase the chances of success. There are 8
questions, it should take about 1 minute to complete. Click on the URL
below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

I got interested in this facet of amateur radio after reading the article
by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of
success could be increased if I knew who was participating so I knew where
to point the beam. It was out of this need that I developed this
registration page. I hope that you find it useful.

For those interested in more information, the Nov 1999 QST article by W2EV
and the Nov 2000 issue of QST (page 28 and 83) may be useful.
Rich Parry

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

8. [propnet] [Fwd: BEACONet participants [Leonoids Meteor Shower, Nov 16-18]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Thu, 02 Nov 2000 06:41:15 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117647-2000.11.02-05.48.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi gang,
I received this eMail from the vhf@stanford listserve. I thought I'd
share it, and my response with you. There appears to be a significant
interest in playing with the Leonids this year.

Lurkers awaken! :o) Come join the fun!

Ev, W2EV

9. [propnet] Leonoids Meteor Shower, Nov 16-18

From: "Jeff Kelly" <jkelly@bellatlantic.net>
Date: Thu, 2 Nov 2000 07:09:40 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117649-2000.11.02-06.22.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While on the subject of the Leonids, I thought I would
mention our website from last years attempt.

http://users.garden.net/mach4media/meteor/meteor.html

Jeff Kelly
KT2K

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

10. [propnet] Re: New Beacon On Air

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Thu, 2 Nov 2000 15:50:17 -0800 (PST)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Message-ID: <LYR1548-117742-2000.11.02-18.00.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Donald, good to know that. I am on here in Morro Bay (CM95). Previously,
I had a beam pointed North but will change to a J since three of you are
South. Unfortunately, San Ynez Peak behind Santa Barbara is right in our
path, but we might find success. 73 Cliff K7RR

On Wed, 1 Nov 2000, Donald Jacob wrote:

> K6CBS DM04tb
> 50 Watts into 6Db station master at 125 feet
> Beacon every 10 minutes
> Located in Hollywood, CA.
>
> Don WB5EKU
>
>
>
> ---
> You are currently subscribed to propnet as: cbuttsch@slonet.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

11. [propnet] N2LZH BEACONet-ed

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 02 Nov 2000 22:29:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117777-2000.11.02-21.36.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Received on 147.585-MHz tonight at 17:16 -- N2LZH in FN23 at
105 miles to the east of FN03! The band must be up with the
approaching weather front from the west.

'nuther good example of what we could catch if we had more
participants on 147.585-MHz. This stuff actually works...if
you've been lurking, this is a good opportunity to get
BEACONet active!

BEACONet works better with more people participating!
Join-in on the fun!

Ev, W2EV FN03XD
http://go.to/BEACONet
http://go.to/METEORegistry

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

12. [propnet] UI-View Help, please? Part-1 [Fwd: UI-View]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Fri, 03 Nov 2000 06:54:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117845-2000.11.03-06.01.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
I recently received this note from a potential Leonid-experiment
participant. Please read over his note. I will also forward my reply
(look at the next eMail in your inbox). If you can add anything to
help, I would be appreciative.

Ev, W2EV

13. [propnet] UI-View Help First reply [Fwd: UI-View]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Fri, 03 Nov 2000 06:56:43 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117846-2000.11.03-06.05.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is what I sent Barry. If you can help further, please do. I'm not
sure if he's subscribed to the remailer yet. Please include his
personal email address in your header, just in case he isn't. Thanks,
folks!
Ev, W2EV

14. [propnet] Re: UI-View Help, please? Part-1 [Fwd: UI-View]

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 3 Nov 2000 12:52:19 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-117848-2000.11.03-07.02.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-117845-2000.11.03-06.01.55--roger#peaksys.co.uk@lis
ts.tapr.org>, Evhen Tupis <evman@ix.netcom.com> writes
>-----Original message-----
>Subject: UI-View
>To: evman@ix.netcom.com
>From: Barry Bergstrom VA6DX <berg@oanet.com>
>Reply-To: berg@oanet.com
>Date: Thu, 2 Nov 2000 23:54:24 -0700
>
>Having trouble with UI-VIew. It says the software (latest version) was
>installed correctly but when I double click the icon, nothing happens.

Then I would guess it's not installed correctly. I have to say "guess",
because, with an estimated current user base of between two and three
thousand, no-one has previously reported having a problem that it won't
run at all.

I know of only one situation in which it will refuse to run without
giving an error message - When the program is started, before anything
appears on the screen, it checks the integrity of the main EXE file and
one or two other critical files. If they have been altered in any way,
then it immediately exits. It's protection against virus infection,
hacking, etc.

> By
>looking over what I've seen so far, it would appear that UI-View does NOT have
>any map of Canada (or at least where I live in north central Alberta). Do you
>know if this is the case?

I think he's missed the point that you can create your own maps, and the
ones supplied with the program are only examples. There are a lot of
UI-View users in Canada, and they often mention making maps from a
Microsoft atlas called "Streets and Maps".

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

15. [propnet] Re: On The Air

From: "RT" <rick@iximd.com>
Date: Sat, 4 Nov 2000 16:45:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118111-2000.11.04-15.58.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have just completed configuring ui-view
2.32 and am on the air. I will have this running when I am not at home
and/or not using TNC for DX cluster. I will be on during the entire Leonoids
event. The only question I have is why do I have to talk to the TNC with
hyperterminal before UI-VEIW will work.
Thanks Rick N3ZTZ

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

16. [propnet] Re: On The Air

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 4 Nov 2000 22:23:38 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118113-2000.11.04-16.34.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-118111-2000.11.04-15.58.28--roger#peaksys.co.uk@lis
ts.tapr.org>, RT <rick@iximd.com> writes
>I have just completed configuring ui-view
>2.32 and am on the air. I will have this running when I am not at home
>and/or not using TNC for DX cluster. I will be on during the entire Leonoids
>event. The only question I have is why do I have to talk to the TNC with
>hyperterminal before UI-VEIW will work.

You shouldn't have to do that. You have probably configured something
incorrectly. If reading the "Comms Setup" section of the help doesn't
provide the answer, send me some more information:-

1. What TNC are you using?
2. What CMD file have you selected in UI-View?

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

17. [propnet] Re: On The Air

From: "RT" <rick@iximd.com>
Date: Sat, 4 Nov 2000 18:16:09 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118116-2000.11.04-17.28.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Roger,
Thanks for answering my post. What I have to do is open Hyperterminal and
connect to tnc. Then close Hyperterminal and start UI-View. My TNC is thae
MFJ 1278.When I Connect to it I get the following:
MFJ ENTERPRISES INC
MODEL NO. MFJ-1278
MULTIMODE DATA CONTROLLER
AX.25
 Level 2 Version 2.0
Release 3.4 02/17/91 - 32K RAM Multilevel
As far as CMD file I'm not sure what you mean. I am running it in KISS mode
tnc2 I've tried both dual port and single port modes. Thanks for help.
Rick N3ZTZ

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

18. [propnet] Re: On The Air

From: Roger Barker <roger@peaksys.co.uk>
Date: Sun, 5 Nov 2000 00:10:10 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118123-2000.11.04-18.20.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-118116-2000.11.04-17.28.24--roger#peaksys.co.uk@lis
ts.tapr.org>, RT <rick@iximd.com> writes
>Hello Roger,
>Thanks for answering my post. What I have to do is open Hyperterminal and
>connect to tnc. Then close Hyperterminal and start UI-View. My TNC is thae
>MFJ 1278.When I Connect to it I get the following:
>MFJ ENTERPRISES INC
>MODEL NO. MFJ-1278
>MULTIMODE DATA CONTROLLER
>AX.25
> Level 2 Version 2.0
>Release 3.4 02/17/91 - 32K RAM Multilevel
>As far as CMD file I'm not sure what you mean. I am running it in KISS mode
>tnc2 I've tried both dual port and single port modes. Thanks for help.

(The CMD file question is irrelevant if you are using KISS mode.)

When you use UI-View in KISS mode, it expects the TNC to be in terminal
mode when the program starts, and to be responsive to commands. That
will normally be the case.

It sounds like, for some reason, your TNC won't immediately respond to
commands, so try this:-

1. Make sure the TNC cable is connecting the CTS handshaking line. A
"three wire" cable is not sufficient.

2. In "Comms Setup", select host mode NONE, and for "Command File"
select TNC2. NOTE - this is only going to be a temporary configuration!
Click "Ok" and the TNC should initialise in terminal mode. Now go back
into "Comms Setup", and select KISS mode. Click the Setup button and
then click the "TNC2" "Easy Setup" button. "Ok" your way out and the TNC
should initialise in KISS mode.

The idea of doing the temporary terminal mode configuration is to put
some default parameters in the TNC.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

19. [propnet] BEACONet - 17 amateurs registered for Leonids

From: Richard Parry <rparry@qualcomm.com>
Date: Sat, 04 Nov 2000 19:57:53 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118178-2000.11.04-22.08.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The BEACONet METEORegistry web page shows that 17 hams have signed up for
the Leonids. Below is the complete list. If you haven't already done so, I
encourage you to register, knowing who to listen to and where to point the
beam should be a help. The web page ask 8 questions, it can be completed in
1 minute.

http://w9if.net/cgi-bin/beaconet/main.pl

17 Leonids 11/00 N3ZTZ Rick@iximd.com FM19WO MD 2 m UI-View 1 81-160
16 Leonids 11/00 VA6DX va6dx@rac.ca DO33IM Outside US 2 m Other 9-18 161-320
15 Leonids 11/00 N7HXP mjrtom@home.com CN87RG WA 2 m APRSdos 19+ 161-320
14 Leonids 11/00 KD5LDQ kd5ldq@arrl.net EM26JH OK 2 m WinAPRS 2-4 41-80
13 Leonids 11/00 KJ4X kj4x@arrl.net EM84PW SC 2 m UI-View 9-18 41-80
12 Leonids 11/00 W2AAA beaconet@go.to FN03XD NY 6 m UI-View 1 81-160 I ma
11 Leonids 11/00 W2EV evman@ix.netcom.com FN03XD NY 2 m UI-View 2-4 161-320
10 Leonids 11/00 WA1PEI wa1pei@snet.net FN31MM CT 2 m Other 2-4 41-80
9 Leonids 11/00 KC2UK kc@uk@QSL.NET FN03MB NY 2 m APRSdos 9-18 21-40
8 Leonids 11/00 KF4ZFN will@dwcs.com EM73UV GA 2 m UI-View 2-4 41-80
7 Leonids 11/00 N7CNH dougc@efn.org CN84JC OR 6 m Other 1 1-10
6 Leonids 11/00 W3GYK wwackerm@teleplex.net EM85VF NC 6 m UI-View 1 81-16
5 Leonids 11/00 KG4EYO wseffens@netzero.net EM73PR GA 2 m WinAPRS 9-18 321
4 Leonids 11/00 W0SL w0sl@amsat.org EM48RO MO 2 m UI-View 9-18 161-320
3 Leonids 11/00 KB2MVN fviggian@taconic.net FN32FI NY 2 m Other 9-18 321
2 Leonids 11/00 KB5WBH kb5wbh@arrl.net EM45TV AR 2 m APRSdos 9-18 81-160
1 Leonids 11/00 W7LRD W7LRD@JUNO.CON CN87VL WA 2 m Other 5-8 41-80

Best of luck everyone, I hope this is the one they talk about for years to
come!

Rich Parry

20. [propnet] Leonids Powerup!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 06 Nov 2000 19:11:03 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118675-2000.11.08-05.11.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Leonids are just a couple of weeks away. It's time for
the lurkers to power up! :o) It doesn't take that much to
participate. The only thing that is known for sure is that
if you aren't active, you will certainly catch no icons.
:o))

If at all possible, use UI-View (for Windows workstations)
or APRSdos for non-windows folks. These have meteor modes
built-in for maximum potential success.

More details on http://go.to/BEACONet. When you have tested
everything, be sure to register your intention to
participate on the new Meteor Registry page:
http://go.to/METEORegistry (thanks, Rich for a great
resource!).

There's an article on our work posted on
http://www.eham.net, if you're interested in reading it.

Let's powerup! :o)

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

21. [propnet] Re: propnet digest: November 08, 2000

From: "Frank Viggiano" <fviggian@taconic.net>
Date: Thu, 9 Nov 2000 16:18:12 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118889-2000.11.09-15.28.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI, I am up and running 24 x 7 KB2MVN FN32FI 100w / KLM 44cx pointed south west...I am looking foward to this!
----- Original Message -----
From: TAPR APRS PropNet Discussion Group digest <propnet@lists.tapr.org>
To: propnet digest recipients <propnet@lists.tapr.org>
Sent: Thursday, November 09, 2000 12:00 AM
Subject: propnet digest: November 08, 2000

> TAPR APRS PropNet Discussion Group Digest for Wednesday, November 08, 2000.
>
> 1. Leonids Powerup!
>
> --
>
> Subject: Leonids Powerup!
> From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> Date: Mon, 06 Nov 2000 19:11:03 -0500
> X-Message-Number: 1
>
> The Leonids are just a couple of weeks away. It's time for
> the lurkers to power up! :o) It doesn't take that much to
> participate. The only thing that is known for sure is that
> if you aren't active, you will certainly catch no icons.
> :o))
>
> If at all possible, use UI-View (for Windows workstations)
> or APRSdos for non-windows folks. These have meteor modes
> built-in for maximum potential success.
>
> More details on http://go.to/BEACONet. When you have tested
> everything, be sure to register your intention to
> participate on the new Meteor Registry page:
> http://go.to/METEORegistry (thanks, Rich for a great
> resource!).
>
> There's an article on our work posted on
> http://www.eham.net, if you're interested in reading it.
>
> Let's powerup! :o)
>
> Ev, W2EV
>
>
>
>
> ---
>
> END OF DIGEST
>
> ---
> You are currently subscribed to propnet as: fviggian@taconic.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

22. [propnet] Leonid Meteor Balloon Rises Again

From: blitz <blitz@macronet.net>
Date: Thu, 09 Nov 2000 21:07:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118927-2000.11.09-20.18.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>NASA Science News for November 9, 2000
>
>A team of NASA scientists and ham radio amateurs will loft a weather balloon toward the stratosphere on Nov. 18th to record the sights and sounds of the 2000 Leonid meteor shower. Readers can follow the balloon

flight thanks to a live webcast at LeonidsLive.com.
>
>
>FULL STORY at
>
>http://science.nasa.gov/headlines/y2000/ast09nov_1.htm?list41644

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23. [propnet] Re: propnet digest: November 08, 2000

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 10 Nov 2000 06:28:02 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118968-2000.11.10-05.35.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great news, for sure! :o) I am still powered up for
participation as part of the Fall '00 tropo experiment, so
I'm still doing the "tx once every 10-minutes" thing 24/7
myself...but I'll be entering Meteor mode in about 5 days,
myself.

Comeon lurkers...get those stations up-and-running! :o)
This is one very cool event.
Ev, W2EV

Frank Viggiano wrote:
>
> FYI, I am up and running 24 x 7 KB2MVN FN32FI
> 100w / KLM 44cx pointed south west...I am looking
> foward to this!
> ----- Original Message -----
> > The Leonids are just a couple of weeks away. It's time for
> > the lurkers to power up! :o)
> > Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

24. [propnet] Leonids Registrants approaching 30!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 10 Nov 2000 06:46:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118969-2000.11.10-05.54.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are planning on being LeonidsActive (grin) then be
sure to register your intent so that others will know. A
good number of participants are positioning themselves for
greater success by using a small beam (and some folks are
using beams that aren't so small <smile>). Registering your
participation may help them to know where to point for the
best chance of success!

If you have been lurking, and still need directions for
getting LeonidsActive, visit http://go.to/BEACONet.

If you would like to register your particpation, then simply
visit http://go.to/METEORegistry (thanks Rich Parry [W9IF]
for this great resource!)

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

25. [propnet] Propnet-Leonids

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Fri, 10 Nov 2000 08:34:15 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-118974-2000.11.10-07.43.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

N1TI-2 is on 147.585 running 45 watts to a 6 db gain vertical at 30 feet,
Level 1, TNC only
N1TI-6 is on 53.53 running 80 watts to a halo at 20 feet, Level 1, TNC only

Plans to go to Level 2 with software supporting meteor mode before the
event...hopefully this weekend. Plans to replace halo with vertical as well
but at least it's on the air for now.

73,

Tim N1TI

#Level 1 Config
#KPC3+ (v8.3):
my n1ti-6
int term
bt [FN41NP] rt_smith@yahoo.com
be 10
uitr hop,60
da yymmddhhmm
mh clear

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

26. [propnet] AstroAlert: Early arrival of a potentially influential CME

From: Cary Oler <oler@solar.spacew.com> (by way of Earl Needham)
Date: Fri, 10 Nov 2000 07:57:43 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: clovis_nm_astronomy@egroups.com
Message-ID: <LYR1548-118987-2000.11.10-09.09.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A s t r o A l e r t
Sun-Earth Alert

Solar Terrestrial Dispatch
http://www.spacew.com

10 November 2000, Update #1

A strong interplanetary shock front slammed into the Earth's magnetosphere at almost 3 million kilometers per hour (almost 2 million miles per hour) near 06:28 UTC (1:28 am EST) on 10 November. This may be (and probably is) the unexpectedly early arrival of the anticipated coronal mass ejection associated with the major solar proton flare that was observed on 08 November.

The Earth is currently passing through a chaotic solar wind stream associated with the outer fringes of this coronal mass ejection. Minor to major geomagnetic storming has commenced. Stronger episodes of activity may be possible if the Earth passes through what is known as a "magnetic cloud". However, at the time of this writing (11:50 UTC), there has been no evidence of such a structure intersecting the Earth yet. Magnetic clouds are more commonly associated with coronal mass ejections that impact the Earth more directly head-on. This disturbance appears to be impacting at an oblique angle which suggests the Earth is closer to the edge of the disturbance than the center of the disturbance. So it is possible we might not observe a "magnetic cloud" feature in this disturbance.

Periods of minor to major geomagnetic storming are expected to continue throughout the next 12 to 24 hours.

Minor auroral substorming has been observed following the arrival of this disturbance over the high and upper-middle latitude regions. Recent data from the DMSP satellite suggests the equatorward edge of the auroral oval may be positioned within the northern tier of the U.S. states. Periods of additional minor substorming can be expected over the next 12 to 24 hours. More significant levels of auroral activity may be observed should the Earth begin transiting through a magnetic cloud feature.

Due to the early arrival of this disturbance, European observers are encouraged to watch for possible levels of activity during the early evening hours of 10 November. Observers in New Zealand and southeastern Australia may be in an optimal position to observe periods of moderately strong auroral activity. North American observers will have to wait until night falls again and are encouraged to watch for possible activity during the

early evening hours of 10 November. Activity should drop toward quieter
levels later on 11 and particularly on 12 November.

** End of AstroAlert Update **
==
AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to
AstroAlert subscribers. If you feel you received it in error, or
to unsubscribe from AstroAlert, please see our unsubscribe form
at http://www.skypub.com/news/astroalert/unsubscribe.html or send
a plain-text e-mail to majordomo@skypub.com with the following
line (and nothing else) in the body of the message:
unsubscribe sun-earth e-mail@address.com
replacing "e-mail@address.com" with your actual e-mail address.
==

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27. [propnet] Installing UI-View on another computer

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 10 Nov 2000 16:46:52 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119043-2000.11.10-15.56.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Guys

I have downloaded UIView (uisfx232.exe from ...propnet/beaconnet/level-2)
onto my internet computer. File size is around 1.9 megs.

I have to install UIView on my ham radio computer in another room, which is
not on the internet. Normally I can transfer files via floppy, but this one
is too big.

I tried to open uisfx232.exe to just copy and transfer the individual
files, but it doesn't seem to simply unzip the files - it wants to install
directly from the exe.

I thought maybe I could break it up using winzip, but winzip says it
doesn't recognize it.

Is there any way to somehow use a 1.44 MB floppy transfer system with this?

Any ideas?

Jerry W4UK

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28. [propnet] Re: Installing UI-View on another computer

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 10 Nov 2000 22:05:51 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119047-2000.11.10-16.17.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-119043-2000.11.10-15.56.54--roger#peaksys.co.uk@lis
ts.tapr.org>, Jerry Flanders <jflanders2@home.com> writes
>Hi Guys
>
>I have downloaded UIView (uisfx232.exe from ...propnet/beaconnet/level-2)
>onto my internet computer. File size is around 1.9 megs.
>
>I have to install UIView on my ham radio computer in another room, which is
>not on the internet. Normally I can transfer files via floppy, but this one
>is too big.
>
>I tried to open uisfx232.exe to just copy and transfer the individual
>files, but it doesn't seem to simply unzip the files - it wants to install
>directly from the exe.
>
>I thought maybe I could break it up using winzip, but winzip says it

>doesn't recognize it.
>
>Is there any way to somehow use a 1.44 MB floppy transfer system with this?

There is a way of splitting UISFX232.EXE into a two floppy set. However,
the easiest thing to do is to download -

http://www.peaksys.freeserve.co.uk/ui232flp/ui232_1.exe
http://www.peaksys.freeserve.co.uk/ui232flp/ui232_2.exe

Put a blank floppy in drive A: and run the first file.
Put in another blank floppy and run the second file.
You then have a two floppy disk installation set.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

29. [propnet] Re: Installing UI-View on another computer

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 10 Nov 2000 17:59:15 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119052-2000.11.10-17.10.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Roger. Got it.

Jerry W4UK

At 10:05 PM 11/10/00 +0000, you wrote:
>SNIP
>
>There is a way of splitting UISFX232.EXE into a two floppy set. However,
>the easiest thing to do is to download -
>
>http://www.peaksys.freeserve.co.uk/ui232flp/ui232_1.exe
>http://www.peaksys.freeserve.co.uk/ui232flp/ui232_2.exe
>
>Put a blank floppy in drive A: and run the first file.
>Put in another blank floppy and run the second file.
>You then have a two floppy disk installation set.
>
>--
>Roger Barker, G4IDE - roger@peaksys.co.uk
>For UI-View go to - http://www.packetradio.org.uk
>For WinPack go to - http://www.peaksys.co.uk
>
>---

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

30. [propnet] Re: Installing UI-View on another computer

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Fri, 10 Nov 2000 19:10:29 -0800 (PST)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Message-ID: <LYR1548-119077-2000.11.10-21.38.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jerry and the group. There is another way to split a program longer than
1.44 KB and that is with a program called "chainsaw". It works quite
well!   Cliff K7RR

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

31. [propnet] W4UK is on The Air from EM93an (Maybe).

From: Jerry Flanders <jflanders2@home.com>
Date: Sat, 11 Nov 2000 00:14:00 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119083-2000.11.10-23.24.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Guys

I have installed UIVIEW 2.32 and apparently have it working with a KAM+ V8.2x, FT-847 , and Cushcraft "Oscar pack" 2m antenna at about 25 feet stuck on west (rotor is broke). Since I am near Augusta, GA, I should have a good shot at Atlanta or Birmingham.

I don't have any calls showing up yet, so I guess I won't know for sure all is working until I catch a call.

When I am sure all is well I will read up on the meteor mode and try to operate during the upcoming showers.

NEED HELP ON: When it starts, I get "FOOBAR" on the screen at my location, which later is written over by my call W4UK after I beacon. Since W4UK is shorter than FOOBAR, I never completely clear the FOOBAR msg. Anybody know how to either not write FOOBAR in the first place, or clear it later? My "location" looks ridiculous - says something like "W4UKIR". Would it all work well if I added a couple spaces to the call sign? Is the FOOBAR message telling me something is screwed up?

Thanks

Jerry W4UK

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

32. [propnet] Re:KQ4TR-3

From: James Smith <k9apr@tawg.org>
Date: Sat, 11 Nov 2000 03:15:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR PropNET Remailer <propnet@lists.tapr.org>
Message-ID: <LYR1548-119117-2000.11.11-02.31.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A very interesting packet was received this morning from Florida via vhf here in Indiana. Not knowing if this station is strictly on vhf or hf will determine rather or not this was one heck of a band opening. So below you will see the packet.

Time received: 2:37:16am
KQ4TR-3>WB9TLH-10>WIDE4*>APRS:!2637.42N/08152.24W#PHG7330/WIDE Lee Memorial Hospital Ft Myers [20-Sep-2000]

WB9TLH-10 is located in Bloomington, In 903.17 miles away and Bloomington is nearly 90 miles Sw of my location.. Hopefully someone can shed some light on this.

--
73, James, K9APR
Chairman \ Coordinator
Tri-State APRS Working Group
http://www.tawg.org
APRS Webring http://www.tawg.org/join.htm

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

33. [propnet] Re: [aprs-fl] Re:KQ4TR-3

From: "Dale Huguley" <kg5qd@earthlink.net>
Date: Sat, 11 Nov 2000 12:44:45 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: "TAPR PropNET Remailer" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119122-2000.11.11-07.03.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James & the group-
    KQ4TR-3 is vhf only- I cannot tell from the posting if the packet was
received on Friday morning or Saturday morning- If it was Saturday morning
This would have been during the arrival of a large cornal discharge from a
solar flare.

73 de kg5qd Dale

> A very interesting packet was received this morning from Florida via vhf
> here in Indiana. Not knowing if this station is strictly on vhf or hf
> will determine rather or not this was one heck of a band opening. So
> below you will see the packet.
>
> Time received: 2:37:16am
> KQ4TR-3>WB9TLH-10>WIDE4*>APRS:!2637.42N/08152.24W#PHG7330/WIDE Lee
> Memorial Hospital Ft Myers [20-Sep-2000]
>

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

34. [propnet] Re:KQ4TR-3

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Sat, 11 Nov 2000 13:01:22 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119124-2000.11.11-07.11.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From that display, you heard WIDE4 (with the asterisk) - not the other
stations. (right ?)

Where is WIDE4 ?

Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "James Smith" <k9apr@tawg.org>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: "TAPR PropNET Remailer" <propnet@lists.tapr.org>
Sent: Saturday, November 11, 2000 08:15
Subject: [propnet] Re:KQ4TR-3

> A very interesting packet was received this morning from Florida via
vhf
> here in Indiana. Not knowing if this station is strictly on vhf or
hf
> will determine rather or not this was one heck of a band opening. So
> below you will see the packet.
>
> Time received: 2:37:16am
> KQ4TR-3>WB9TLH-10>WIDE4*>APRS:!2637.42N/08152.24W#PHG7330/WIDE Lee
> Memorial Hospital Ft Myers [20-Sep-2000]
>
> WB9TLH-10 is located in Bloomington, In 903.17 miles away and
> Bloomington is nearly 90 miles Sw of my location.. Hopefully someone
can
> shed some light on this.
>
> --
> 73, James, K9APR
> Chairman \ Coordinator
> Tri-State APRS Working Group
> http://www.tawg.org
> APRS Webring http://www.tawg.org/join.htm
>
>
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org

>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

35. [propnet] Re: Leonids Registrants approaching 30!

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Sat, 11 Nov 2000 09:44:44 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119129-2000.11.11-08.55.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> If you are planning on being LeonidsActive (grin) then be
> sure to register your intent so that others will know. A
> good number of participants are positioning themselves for
> greater success by using a small beam (and some folks are
> using beams that aren't so small <smile>). Registering your
> participation may help them to know where to point for the
> best chance of success!

Three of us will be active on 147.585 using UI-View from EN82 (Northwest
Detroit area) for the Leonids. I'll be using a 4-element quad fed with 160
watts. Over the course of the event I'll vary the beam heading to cover
both the concentrations of participants in due east (NY, MD, NJ, MA) and to
the southeast (AL, GA, SC, NC).

The other two guys are K8RAY and K8VT- but I don't think they're subscribed
to this list.

Rich

_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

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36. [propnet] band enhancement on 2m

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Sat, 11 Nov 2000 10:55:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: "TAPR PropNET Remailer" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119131-2000.11.11-10.10.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I saw two stations from Cincinnati area last night via strictly VHF also
from my location just north of St. Pete. Also received a digi in Arkansas
west of Memphis on VHF too.

W8UC and KD4???-7 (a D7 HT) were the two stations from the Cinci area.

73
Paul
N4PK

> -----Original Message-----
> From: bounce-aprs-fl-1016@lists.tapr.org
> [mailto:bounce-aprs-fl-1016@lists.tapr.org]On Behalf Of Dale Huguley
> Sent: Saturday, November 11, 2000 7:45 AM
> To: Florida APRS Discussion Group
> Cc: TAPR PropNET Remailer
> Subject: [aprs-fl] Re:KQ4TR-3
>
>
> James & the group-
>   KQ4TR-3 is vhf only- I cannot tell from the posting if the packet was
> received on Friday morning or Saturday morning- If it was Saturday morning

> This would have been during the arrival of a large cornal discharge from a
> solar flare.
>
> 73 de kg5qd Dale
>
> > A very interesting packet was received this morning from Florida via vhf
> > here in Indiana. Not knowing if this station is strictly on vhf or hf
> > will determine rather or not this was one heck of a band opening. So
> > below you will see the packet.
> >
> > Time received: 2:37:16am
> > KQ4TR-3>WB9TLH-10>WIDE4*>APRS:!2637.42N/08152.24W#PHG7330/WIDE Lee
> > Memorial Hospital Ft Myers [20-Sep-2000]
> >
>
>
>
> ---
> You are currently subscribed to aprs-fl as: PK@IJ.NET
> To unsubscribe send a blank email to leave-aprs-fl-1016I@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

37. [propnet] Fwd: AstroAlert: The Leonids to Battle the Moon Next Week

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 11 Nov 2000 09:23:01 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119132-2000.11.11-10.38.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Date: Fri, 10 Nov 2000 16:22:49 -0800
>From: Robert Lunsford <lunro.imo.usa@home.com>
>Organization: ALPOMS, AMS, & IMO
>X-Mailer: Mozilla 4.61 [en]C-AtHome0407 (Win98; U)
>X-Accept-Language: en
>To: Meteor Alert <meteor@skypub.com>
>Subject: AstroAlert: The Leonids to Battle the Moon Next Week
>Sender: owner-meteor@skypub.com
>
>As if defending his territory against intruders Leo the Lion will try
>his best to overcome the bright half moon late next week. The annual
>Leonid meteor shower is predicted to peak on the mornings of November 17
>and 18. Unfortunately this year the bright half moon will lie close to
>the radiant obscuring many of the faint Leonids, which were a major
>portion of last years display. Experts are predicting a less than
>impressive display as the Earth skims the outer regions of comet dust
>left behind by comet Temple-Tuttle. This combined with the moonlight
>will make it highly unlikely a repeat performance of last years meteor
>storm will reoccur. Rates could be near 100 per hour at maximum but no
>one knows for certain.
>
>At least this year we are rather sure as to when any enhanced activity
>could occur rather than spending the entire morning waiting for
>something to happen. Our first opportunity occurs on Friday morning
>November 17 when the earth passes close to the comet dust left behind in
>1965 and 1932. This will occur near 8:00 Universal Time (UT) which
>corresponds to 3:00 AM Eastern Standard Time and midnight Pacific
>Standard time. Those in the eastern half of North America will be
>favored to see the most meteor activity as the radiant will lie high in
>the sky at this time. Those situated along the west coast will have a
>low radiant altitude which will reduce the activity significantly.
>
>If your skies are clear then plan to start observing at least one hour
>before the time of maximum activity. Face toward a portion of the sky so
>that the moon is out of your field of view. Also remember to look up
>high enough so that none of your view is wasted on the ground. This
>corresponds to at least an altitude of 45 degrees. Scientific data can
>be obtained by simply counting the number of Leonids and non Leonids
>seen. Shower association will be easy as the Leonid meteors will all
>have parallel paths and come from the same general area of the sky. They
>will also have a similar velocity. Of course this all changes if you
>change the direction in which you are facing. Non Leonids (sporadics)
>can travel in any direction at any velocity. If you are familiar which
>the magnitude system it is also helpful to list the magnitude of the
>faintest star you can see in your field of view. Typical estimates

>should be near +5.0. Meteor reports can be sent to me at:
>lunro.imo.usa@home.com and to Sky & Telescope at: observers@skypub.com
>
>On Saturday morning November 18 there exists two more opportunities for
>enhanced Leonid rates. The first occurs at 3:45 UT which is too early
>for North American observers. The Leonid radiant will be below the
>horizon at this time in North American but well placed for Europe and
>Africa. This enhancement may occur as the earth passes through the outer
>fringes of the dust trail left behind in 1733.
>
>The last opportunity occurs some four hours later near 07:50 UT. Eastern
>North America and South America will be the favored locations for this
>enhancement. This corresponds to 2:50 AM EST and 11:50 PM (11/17) PST.
>At this time the earth will pass the outer edges of the dust trail
>created in 1866. Once again rates are not expected to be particularly
>impressive, especially when compared to the storm rates that were
>witnessed last year.
>
>For more information on observing meteors visit the Sky & Telescope Web
>Pages at: http://www.skypub.com/sights/meteors/meteorwatch.html
>
>A weekly preview of current meteor activity is also published each
>Thursday at: http://www.amsmeteors.org/lunsford/
>
>Clear Skies!
>
>Robert Lunsford
>Secretary General of the International Meteor Organization
>Visual Meteor Program Coordinator of the American Meteor Society
>Meteors Section Coordinator of the Association of Lunar & Planetary
>Observers
>==
>AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
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>a plain-text e-mail to majordomo@skypub.com with the following
>line (and nothing else) in the body of the message:
>unsubscribe meteor e-mail@address.com
>replacing "e-mail@address.com" with your actual e-mail address.
>==

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38. [propnet] Beam Headings

From: Mark Herson <mherson@intac.com>
Date: Sat, 11 Nov 2000 18:46:03 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119138-2000.11.11-12.57.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If one were to have a beam but only in a fixed heading, what should that
heading be?

I'm planning on taking my rover up on Camelback Mountain in NE
Pennsylvania [FN21hb] on Saturday and am planning on running a
non-directional vertical antenna with some gain. However, I do have
access to a 10 dB gain 8-element beam. Which antenna would be preferred
and if the beam, in which direction should I aim it?

I live in a condo, so results from there will be slim to none. Hence,
the rover trip on Saturday, the 18th.

73, Mark, N2MH
http://www.intac.com/~mherson/rover.htm

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

39. [propnet] "FOOBAR" displayed on UIView screen

From: Jerry Flanders <jflanders2@home.com>
Date: Sat, 11 Nov 2000 13:58:41 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-119142-2000.11.11-13.10.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Guys

When my copy of UIView starts, I get "FOOBAR" on the screen at my location,
which later is written over by my call W4UK after I beacon. Since W4UK is
shorter than FOOBAR, I never completely clear the FOOBAR msg.

Anybody know how to either not write FOOBAR in the first place, or clear it
later? My "location" looks ridiculous - looks something like "W4UKIR".

Should I just add a couple spaces to my call sign? Or is the initial FOOBAR
message telling me something is screwed up?

Thanks

Jerry W4UK EM93an

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

40. [propnet] Beaconing now from EM93an (Maybe).

From: Jerry Flanders <jflanders2@home.com>
Date: Sat, 11 Nov 2000 14:27:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119143-2000.11.11-13.38.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Guys

I have installed UIVIEW 2.32 and apparently have it working with a KAM+
V8.2x, FT-847 , and Cushcraft "Oscar pack" 2m antenna at about 25 feet
stuck on west (rotor is broke) on 147.585. Since I am near Augusta, GA, I
should have a good shot at Atlanta or Birmingham.

I don't have any calls showing up yet, so I guess I won't know for sure all
is working until I catch a call.

When I am sure all is well I will read up on the meteor mode and try to
operate during the upcoming showers.

73

Jerry W4UK

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

41. [propnet] Re: "FOOBAR" displayed on UIView screen

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 11 Nov 2000 19:46:40 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119144-2000.11.11-13.57.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-119142-2000.11.11-13.10.57--roger#peaksys.co.uk@lis
ts.tapr.org>, Jerry Flanders <jflanders2@home.com> writes
>Hi Guys
>
>When my copy of UIView starts, I get "FOOBAR" on the screen at my location,
>which later is written over by my call W4UK after I beacon. Since W4UK is
>shorter than FOOBAR, I never completely clear the FOOBAR msg.
>
>Anybody know how to either not write FOOBAR in the first place, or clear it
>later? My "location" looks ridiculous - looks something like "W4UKIR".
>
>Should I just add a couple spaces to my call sign? Or is the initial FOOBAR
>message telling me something is screwed up?

The FOOBAR certainly doesn't come out of UI-View! When you say it is on
the screen at your location, do you mean that it displays on the map? If

so, then either it is a permanent feature of the map image you are
using, or someone else is transmitting it. If it is being transmitted,
then you'll find it in the Station List or the Objects Lists. All you've
then got to do is to find who is transmitting it!

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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42. [propnet] Re: Beam Headings

From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Sat, 11 Nov 2000 17:42:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119149-2000.11.11-16.57.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,
If you use the beam, aim it SW (toward those of us in NC & GA). We will be
listening for you.
73,
Dave, KV4CN (in Eastern NC)

----- Original Message -----
From: "Mark Herson" <mherson@intac.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, November 11, 2000 1:46 PM
Subject: [propnet] Beam Headings

> If one were to have a beam but only in a fixed heading, what should that
> heading be?
>
> I'm planning on taking my rover up on Camelback Mountain in NE
> Pennsylvania [FN21hb] on Saturday and am planning on running a
> non-directional vertical antenna with some gain. However, I do have
> access to a 10 dB gain 8-element beam. Which antenna would be preferred
> and if the beam, in which direction should I aim it?
>
> I live in a condo, so results from there will be slim to none. Hence,
> the rover trip on Saturday, the 18th.
>
> 73, Mark, N2MH
> http://www.intac.com/~mherson/rover.htm
>
> ---
> You are currently subscribed to propnet as: kv4cn@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

43. [propnet] Re: [aprs-fl] Re:KQ4TR-3

From: "Rich Garcia" <k4gps@bellsouth.net>
Date: Sat, 11 Nov 2000 17:49:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR PropNET Remailer <propnet@lists.tapr.org>
Message-ID: <LYR1548-119150-2000.11.11-17.00.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well like everyone else says it is a VHF only station and digi or not
a 903mi hop to the first digi is interesting. I am wondering if the
path was a "window" into Bloomington or if any one of the other
digi's along the way also heard the packet.

On 11 Nov 00, at 3:15, James Smith wrote:

> A very interesting packet was received this morning from Florida via vhf
> here in Indiana. Not knowing if this station is strictly on vhf or hf
> will determine rather or not this was one heck of a band opening. So
> below you will see the packet.

>
> Time received: 2:37:16am
> KQ4TR-3>WB9TLH-10>WIDE4*>APRS:!2637.42N/08152.24W#PHG7330/WIDE Lee
> Memorial Hospital Ft Myers [20-Sep-2000]
>
> WB9TLH-10 is located in Bloomington, In 903.17 miles away and
> Bloomington is nearly 90 miles Sw of my location.. Hopefully someone can
> shed some light on this.
>
> --
> 73, James, K9APR
> Chairman \ Coordinator
> Tri-State APRS Working Group
> http://www.tawg.org
> APRS Webring http://www.tawg.org/join.htm
>
>
>
> ---
> You are currently subscribed to aprs-fl as: k4gps@bellsouth.net
> To unsubscribe send a blank email to leave-aprs-fl-834O@lists.tapr.org
>
>

Rich Garcia K4GPS EX: N2CZF KA2FXA
k4gps@bellsouth.net
Jupiter Farms, Florida

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44. [propnet] Re:KQ4TR-3

From: James Smith <k9apr@tawg.org>
Date: Sat, 11 Nov 2000 18:27:00 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119152-2000.11.11-17.40.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Bob,

Doing research on KQ4TR-3 at Findu.com resulted in the beginning unproto
starting out as Wide4-4. So I will explain wide4-4 for you and everyone who
wants to read. I'll use my callsign as reference.

K9APR*>WIDE4-4
K9APR>KC6ETE-3*>WIDE4-3
K9APR>K9XT-3*>WIDE4-2
K9APR>K9TNW-10*>WIDE4-1
K9APR>WB9TLH-10*>WIDE4
K9APR>AA9MM-10>WIDE4*

I live in a area where Widen / Tracen digi are quite common. And to answer
your direct question where is WIDE4 it is at the same place, as the last
receiving digi which would be AA9MM-10 from the above packets.

Bob Naumann - N5NJ wrote:

> >From that display, you heard WIDE4 (with the asterisk) - not the other
> stations. (right ?)
>
> Where is WIDE4 ?
>
> Robert E. Naumann
> N5NJ / V26O
> N5NJ@arrl.net
> www.qsl.net/n5nj
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
> --

73, James, K9APR
Chairman \ Coordinator
Tri-State APRS Working Group
http://www.tawg.org
APRS Webring http://www.tawg.org/join.htm

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45. [propnet] Re: "FOOBAR" displayed on UIView screen

From: Jerry Flanders <jflanders2@home.com>
Date: Sat, 11 Nov 2000 18:52:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119154-2000.11.11-18.02.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Roger

Turns out it was on the "stations" list with my grid location, so was being
displayed as a "station heard" at my grid location upon startup. I have NO
IDEA how it got there. I am a total rookie with UI-View (you guessed, right?).

Anyway, I deleted it and now all is well. Now all I need is to copy
somebody's beacon to assure me that all is working.

Thanks and 73

Jerry W4UK EM93an

>ts.tapr.org>, Jerry Flanders <jflanders2@home.com> writes
>>
>>When my copy of UIView starts, I get "FOOBAR" on the screen <SNIP>
>

At 07:46 PM 11/11/00 +0000, Roger wrote:

>The FOOBAR certainly doesn't come out of UI-View! <SNIP>
>--
>Roger Barker, G4IDE

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

46. [propnet] Re: KQ4TR-3

From: James Smith <k9apr@tawg.org>
Date: Sat, 11 Nov 2000 19:23:03 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119155-2000.11.11-18.36.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rich,

This would be possible if KQ4TR-3 would use Trace4-4 as 1 of the unproto's.
This would show every digi it hit.

Rich Garcia wrote:

> Well like everyone else says it is a VHF only station and digi or not
> a 903mi hop to the first digi is interesting. I am wondering if the
> path was a "window" into Bloomington or if any one of the other
> digi's along the way also heard the packet.

--
73, James, K9APR
Chairman \ Coordinator
Tri-State APRS Working Group
http://www.tawg.org
APRS Webring http://www.tawg.org/join.htm

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

47. [propnet] The Leonids - Register for the Nov 17 peak

From: Richard Parry <rparry@qualcomm.com>
Date: Sat, 11 Nov 2000 20:15:01 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119166-2000.11.11-22.26.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Below are the folks that have registered for the Leonids Meteor Scatter
event. The peak is Nov 17. By registering, you increase your chances of
success by helping to coordinate who will be participating.

The demographics of the participants are shown on a map at:
http://w9if.net/cgi-bin/beaconet/user_profile2k.pl

The web registration page asks 8 questions, it can be completed in 1 minute at:
http://w9if.net/cgi-bin/beaconet/main.pl

I include the original announcement below for those that may have missed it.

LEONIDS METEOR SHOWER REGISTRATION

Web Page registration is now available for those who will be participating
in the upcoming November Leonids Meteor Shower event. The purpose of
registering is to provide a real-time list of participants. This should
expedite communication and increase the chances of success. There are 8
questions, it should take about 1 minute to complete. Click on the URL
below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

I got interested in this facet of amateur radio after reading the article
by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of
success could be increased if I knew who was participating so I knew where
to point the beam. It was out of this need that I developed this
registration page. I hope that you find it useful.

For those interested in more information, the Nov 1999 QST article by W2EV
and the Nov 2000 issue of QST (page 28 and 83) may be useful.

31 Leonids 11/00 K8RAY radioray@voyager.net
<mailto:radioray@voyager.net> EN82HK MI
30 Leonids 11/00 K6ALF tb1999@netzero.net
<mailto:tb1999@netzero.net> CM97BH CA
29 Leonids 11/00 K0STL k0stl@qstl.net
<mailto:k0stl@qstl.net> EM48QO MO
28 Leonids 11/00 N0LOH n0loh@email.com
<mailto:n0loh@email.com> EN41LK IA
27 Leonids 11/00 N1TI-6 rt_smith@yahoo.com
<mailto:rt_smith@yahoo.com> FN41NP MA
26 Leonids 11/00 N1TI-2 rt_smith@yahoo.com
<mailto:rt_smith@yahoo.com> FN41NP MA
25 Leonids 11/00 KB9LTH me@chrisgilbert.com
<mailto:me@chrisgilbert.com> EM69RE IN
24 Leonids 11/00 N8QLT N8QLT@arrl.net
<mailto:N8QLT@arrl.net> EN82HL MI
23 Leonids 11/00 K9ZE K9ze@aol.com
<mailto:K9ze@aol.com> EN51SW IL
22 Leonids 11/00 KM5TY km5ty@arrl.net
<mailto:km5ty@arrl.net> EL29GQ TX
21 Leonids 11/00 N3OBQ RMARLEY@UDEL.EDU
<mailto:RMARLEY@UDEL.EDU> FM19XN MD
20 Leonids 11/00 KV4CN kv4cn@arrl.net
<mailto:kv4cn@arrl.net> FM15HN NC
19 Leonids 11/00 W4GHW w4ghw@arrl.net
<mailto:w4ghw@arrl.net> EM81EQ GA
18 Leonids 11/00 KB2WQM-5 kb2wqm@amsat.org
<mailto:kb2wqm@amsat.org> FM29PE NJ
17 Leonids 11/00 N3ZTZ Rick@iximd.com
<mailto:Rick@iximd.com> FM19WO MD
16 Leonids 11/00 VA6DX va6dx@rac.ca
<mailto:va6dx@rac.ca> DO33IM Outside US
15 Leonids 11/00 N7HXP mjrtom@home.com
<mailto:mjrtom@home.com> CN87RG WA
14 Leonids 11/00 KD5LDQ kd5ldq@arrl.net
<mailto:kd5ldq@arrl.net> EM26JH OK
13 Leonids 11/00 KJ4X kj4x@arrl.net
<mailto:kj4x@arrl.net> EM84PW SC
12 Leonids 11/00 W2AAA beaconet@go.to
<mailto:beaconet@go.to> FN03XD NY
11 Leonids 11/00 W2EV evman@ix.netcom.com

<mailto:evman@ix.netcom.com>   FN03XD NY
10   Leonids 11/00   WA1PEI wa1pei@snet.net
<mailto:wa1pei@snet.net>   FN31MM CT
9   Leonids 11/00   KC2UK   kc@uk@QSL.NET
<mailto:kc@uk@QSL.NET>   FN03MB NY
8   Leonids 11/00   KF4ZFN will@dwcs.com
<mailto:will@dwcs.com>   EM73UV GA
7   Leonids 11/00   N7CNH   dougc@efn.org
<mailto:dougc@efn.org>   CN84JC OR
6   Leonids 11/00   W3GYK   wwackerm@teleplex.net
<mailto:wwackerm@teleplex.net>   EM85VF NC
5   Leonids 11/00   KG4EYO wseffens@netzero.net
<mailto:wseffens@netzero.net>   EM73PR GA
4   Leonids 11/00   W0SL   w0sl@amsat.org
<mailto:w0sl@amsat.org> EM48RO MO
3   Leonids 11/00   KB2MVN fviggian@taconic.net
<mailto:fviggian@taconic.net>   FN32FI NY
2   Leonids 11/00   KB5WBH kb5wbh@arrl.net
<mailto:kb5wbh@arrl.net>   EM45TV AR
1   Leonids 11/00   W7LRD   W7LRD@JUNO.CON
<mailto:W7LRD@JUNO.CON> CN87VL WA

Rich Parry

48. [propnet] Re: "FOOBAR" displayed on UIView screen

From: Roger Barker <roger@peaksys.co.uk>
Date: Sun, 12 Nov 2000 09:48:06 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119197-2000.11.12-03.59.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-119154-2000.11.11-18.02.56--roger#peaksys.co.uk@lis
ts.tapr.org>, Jerry Flanders <jflanders2@home.com> writes
>Thanks Roger
>
>Turns out it was on the "stations" list with my grid location, so was being
>displayed as a "station heard" at my grid location upon startup. I have NO
>IDEA how it got there. I am a total rookie with UI-View (you guessed, right?).

It's not by any chance in your own TNC as your BTEXT is it? Just a
thought, because I found that another program had put some weird BTEXT
in one of my TNCs the other day!

Normally UI-View should stop the BTEXT being transmitted, so you
shouldn't see it no matter what is in there, but it's a possibility that
might be worth checking!

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

49. [propnet] [Fwd: BEACONet]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Nov 2000 07:44:13 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119211-2000.11.12-06.55.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
I received this a couple of days ago and thought you'd be
interested in just how interest continues to build. The
original message is first, and my reply afterward.
Hopefully, Tim will be subscribing to the remailer soon! :o)

Ev, W2EV

50. [propnet] Re: W4UK is on The Air from EM93an (Maybe).

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Nov 2000 07:54:58 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119212-2000.11.12-07.02.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have installed UIVIEW 2.32 and apparently have it working with a KAM+
> V8.2x, FT-847 , and Cushcraft "Oscar pack" 2m antenna at about 25 feet
> stuck on west (rotor is broke). Since I am near Augusta, GA, I should have
> a good shot at Atlanta or Birmingham.
>
> I don't have any calls showing up yet, so I guess I won't know for sure all
> is working until I catch a call.

Hi Jerry!
Welcome aboard! Sorry so long in reply, but I've had ISP
problems (just in time for the Leonids <grin>.

If you're participating in the Leonids event, be sure to
register on http://go.to/METEORegistry. That's where folks
can go to see who else is on the air to "shoot the rocks".
It can help you when determining the best place to point
your antenna, too (there's a map that automatically updates
when people register).

The Leonids peak is expected to occur somewhere between
November 16 through 19th, so -- while a good burn can occur
at any time -- that will be the window of greatest
opportunity.

Again, Welcome Aboard!
Ev, W2EV

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51. [propnet] Re:KQ4TR-3

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Nov 2000 07:59:44 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119213-2000.11.12-07.07.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

James Smith wrote:
> A very interesting packet was received this morning from Florida via vhf
> here in Indiana. Not knowing if this station is strictly on vhf or hf
> will determine rather or not this was one heck of a band opening. So
> below you will see the packet.
>
> Time received: 2:37:16am
> KQ4TR-3>WB9TLH-10>WIDE4*>APRS:!2637.42N/08152.24W#PHG7330/WIDE Lee
> Memorial Hospital Ft Myers [20-Sep-2000]
>
> WB9TLH-10 is located in Bloomington, In 903.17 miles away and
> Bloomington is nearly 90 miles Sw of my location.. Hopefully someone can
> shed some light on this.

Interestingly, on the day that you noted this DX, others in
your area were also noting *huge* TV DX into the Florida
panhandle. It looks like the packet started out (on APRS,
by the way -- for the lurkers' sake, in case they may have
thought we were discussing a BEACONet frame) as WIIDE4-4,
meaning that it took four "hops" or digipeats to get over
900-miles. Still, nothing to sneeze at for sure.

This further reinforces the fact that the BEACONet concept
really does work (even as it is applied to the APRS network
on 144.39). We simply need to increase the density of
participants to glean more direct data.

Thanks for sharing, James! :o)
Ev, W2EV

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52. [propnet] Reminder for APRSdos Meteor Mode participants

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Nov 2000 08:06:50 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119215-2000.11.12-07.17.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Empty message body]

53. [propnet] Re: Leonids Registrants approaching 30!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Nov 2000 08:11:17 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119216-2000.11.12-07.18.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Three of us will be active on 147.585 using UI-View from EN82 (Northwest
> Detroit area) for the Leonids. I'll be using a 4-element quad fed with 160
> watts.

Great to have you on the air, Rich! I'm running a 24/7
BEACONet station pointing in your direction between now and
the start of the Leonids. Keep an ear out for me. :o)

Ev, W2EV
FN03...South Shore of Lake Ontario

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54. [propnet] Re: Beam Headings

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Nov 2000 08:15:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119217-2000.11.12-07.23.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Herson wrote:
>
> If one were to have a beam but only in a fixed heading, what should that
> heading be?

Hi Mark,
It's probably too late (since your activity was going to be
yesterday), but you can visit the BEACONet website
(http://go.to/BEACONet) to see a map of participants in the
Tropo '00 Experiment. Most of those folks are assumed to be
24/7 operators, and your best chance for finding others.

Unfortunately, due to ISP problems, I didn't get your
message until this morning (sunday), or I'd have gone to my
omni antenna to see if we could have made it. :o(

I'll check lower in the eMail list to see if you posted any
results of your activity.

Regards,
Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

55. [propnet] Re: "FOOBAR" displayed on UIView screen

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 12 Nov 2000 08:21:08 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119218-2000.11.12-07.28.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hi Guys
>
> When my copy of UIView starts, I get "FOOBAR" on
> the screen at my location, which later is written
> over by my call W4UK after I beacon. Since W4UK is
> shorter than FOOBAR, I never completely clear the
> FOOBAR msg.

Hi Jerry,
FOOBAR will appear only if it is "transmitted" in some way.
You may certainly delete it from within the Stations list,
but it may reappear when it is "transmitted" again.

You may want to check your "transmit buffers". If you are

using a Kantronics TNC, there are several buffers into which
you can put differently formatted transmissions. Honestly,
the *best* method of assuring that all of your buffers are
clear is to do a reset of your TNC prior to configuring it
for BEACONet operation.

Of course, if you simply delete "FOOBAR" and it never
returns, then you will have solved the problem, but the
mystery will remain. :o)

Welcome aboard!
Ev, W2EV

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56. [propnet] Re: The Leonids - Register for the Nov 17 peak

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 12 Nov 2000 06:18:23 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119220-2000.11.12-07.37.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:15 PM 11/11/00 -0800, Richard Parry blasted the following out into
the ether:
>Below are the folks that have registered for the Leonids Meteor Scatter
>event. The peak is Nov 17. By registering, you increase your chances of
>success by helping to coordinate who will be participating.

      As usual, I am active on 53.530, looking to hear somebody
(ANYBODY!). <G>

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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57. [propnet] RE: The Leonids - Register for the Nov 17 peak

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Sun, 12 Nov 2000 10:20:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119229-2000.11.12-09.30.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a way to go back end edit entries as your station configuration
changes?

Tim N1TI
fn41np
  -----Original Message-----
  From: bounce-propnet-20520@lists.tapr.org
[mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Richard Parry
  Sent: Saturday, November 11, 2000 11:15 PM
  To: TAPR APRS PropNet Discussion Group
  Subject: [propnet] The Leonids - Register for the Nov 17 peak

  Below are the folks that have registered for the Leonids Meteor Scatter
event. The peak is Nov 17. By registering, you increase your chances of
success by helping to coordinate who will be participating.

  The demographics of the participants are shown on a map at:
  http://w9if.net/cgi-bin/beaconet/user_profile2k.pl

  The web registration page asks 8 questions, it can be completed in 1
minute at:
  http://w9if.net/cgi-bin/beaconet/main.pl

  I include the original announcement below for those that may have missed

it.

LEONIDS METEOR SHOWER REGISTRATION

Web Page registration is now available for those who will be participating in the upcoming November Leonids Meteor Shower event. The purpose of registering is to provide a real-time list of participants. This should expedite communication and increase the chances of success. There are 8 questions, it should take about 1 minute to complete. Click on the URL below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

I got interested in this facet of amateur radio after reading the article by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of success could be increased if I knew who was participating so I knew where to point the beam. It was out of this need that I developed this registration page. I hope that you find it useful.

For those interested in more information, the Nov 1999 QST article by W2EV and the Nov 2000 issue of QST (page 28 and 83) may be useful.

31 Leonids 11/00 K8RAY radioray@voyager.net <mailto:radioray@voyager.net> EN82HK MI
30 Leonids 11/00 K6ALF tb1999@netzero.net <mailto:tb1999@netzero.net> CM97BH CA
29 Leonids 11/00 K0STL k0stl@qstl.net <mailto:k0stl@qstl.net> EM48QO MO
28 Leonids 11/00 N0LOH n0loh@email.com <mailto:n0loh@email.com> EN41LK IA
27 Leonids 11/00 N1TI-6 rt_smith@yahoo.com <mailto:rt_smith@yahoo.com> FN41NP MA
26 Leonids 11/00 N1TI-2 rt_smith@yahoo.com <mailto:rt_smith@yahoo.com> FN41NP MA
25 Leonids 11/00 KB9LTH me@chrisgilbert.com <mailto:me@chrisgilbert.com> EM69RE IN
24 Leonids 11/00 N8QLT N8QLT@arrl.net <mailto:N8QLT@arrl.net> EN82HL MI
23 Leonids 11/00 K9ZE K9ze@aol.com <mailto:K9ze@aol.com> EN51SW IL
22 Leonids 11/00 KM5TY km5ty@arrl.net <mailto:km5ty@arrl.net> EL29GQ TX
21 Leonids 11/00 N3OBQ RMARLEY@UDEL.EDU <mailto:RMARLEY@UDEL.EDU> FM19XN MD
20 Leonids 11/00 KV4CN kv4cn@arrl.net <mailto:kv4cn@arrl.net> FM15HN NC
19 Leonids 11/00 W4GHW w4ghw@arrl.net <mailto:w4ghw@arrl.net> EM81EQ GA
18 Leonids 11/00 KB2WQM-5 kb2wqm@amsat.org <mailto:kb2wqm@amsat.org> FM29PE NJ
17 Leonids 11/00 N3ZTZ Rick@iximd.com <mailto:Rick@iximd.com> FM19WO MD
16 Leonids 11/00 VA6DX va6dx@rac.ca <mailto:va6dx@rac.ca> DO33IM Outside US
15 Leonids 11/00 N7HXP mjrtom@home.com <mailto:mjrtom@home.com> CN87RG WA
14 Leonids 11/00 KD5LDQ kd5ldq@arrl.net <mailto:kd5ldq@arrl.net> EM26JH OK
13 Leonids 11/00 KJ4X kj4x@arrl.net <mailto:kj4x@arrl.net> EM84PW SC
12 Leonids 11/00 W2AAA beaconet@go.to <mailto:beaconet@go.to> FN03XD NY
11 Leonids 11/00 W2EV evman@ix.netcom.com <mailto:evman@ix.netcom.com> FN03XD NY
10 Leonids 11/00 WA1PEI wa1pei@snet.net <mailto:wa1pei@snet.net> FN31MM CT
9 Leonids 11/00 KC2UK kc@uk@QSL.NET <mailto:kc@uk@QSL.NET> FN03MB NY
8 Leonids 11/00 KF4ZFN will@dwcs.com <mailto:will@dwcs.com> EM73UV GA
7 Leonids 11/00 N7CNH dougc@efn.org <mailto:dougc@efn.org> CN84JC OR
6 Leonids 11/00 W3GYK wwackerm@teleplex.net <mailto:wwackerm@teleplex.net> EM85VF NC
5 Leonids 11/00 KG4EYO wseffens@netzero.net <mailto:wseffens@netzero.net> EM73PR GA
4 Leonids 11/00 W0SL w0sl@amsat.org <mailto:w0sl@amsat.org> EM48RO MO

```
  3       Leonids 11/00   KB2MVN  fviggian@taconic.net
<mailto:fviggian@taconic.net>      FN32FI  NY
  2       Leonids 11/00   KB5WBH  kb5wbh@arrl.net <mailto:kb5wbh@arrl.net>
EM45TV  AR
  1       Leonids 11/00   W7LRD   W7LRD@JUNO.CON <mailto:W7LRD@JUNO.CON>
CN87VL  WA

  Rich Parry
```

58. [propnet] need help

```
From: "RONALD FUENTES" <ronfuentes@hotmail.com>
Date: Sun, 12 Nov 2000 20:01:08 GMT
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: ronfuentes@hotmail.com
Message-ID: <LYR1548-119283-2000.11.12-14.11.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm new at packet and sats. Would like info has to. What I need to get
started. Thank you
     Ron Fuentes kc8bgm
_________________________________________________________________
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Share information about yourself, create your own public profile at
http://profiles.msn.com.


---
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```

59. [propnet] Meteor Scatter - FULLDUP

```
From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Sun, 12 Nov 2000 19:54:29 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119315-2000.11.12-19.08.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My apologies to everyone if I asked this last August and received an
answer.... which I can not find now.  The question is:
Do I turn FULLDUP on (running UI-View; KAM ver. 6.0 firmware)?
Thanks,
Dave, KV4CN


---
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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
```

60. [propnet] New user UI-View v2.32 help needed with bug

```
From: "Stephen Gregory Thompson" <k5pk@amsat.org>
Date: Sun, 12 Nov 2000 22:29:29
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119358-2000.11.12-22.39.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey gang, looks like I'm going to do the Leonids again this year.  I
noticed the news of preparations underway on the ARRL web site and saw
where a program called UI-View might be worth trying.  I followed
installation and setup for Level II color graphic operation and most
everything is working well.

But, each time I fire up the program it seems I have to go to Setup,
Setup-Com, Setup, Easy Setup and select TNC2, OK, OK. Then, do it again but
select Ka, OK, OK just to get reception and transmissions up and running.
It's seems to be a hand shake thing between my early model KAM and my
100+Mhz Pentium running Windows 95.  That's my guess.

One other interesting glitch just cropped up too.  While of course not in
meteor mode and Setup, Station setup, Fixed=10 I'm getting beacon TX sent
every minute.  So...how about that one?

Anyway, if someone knows something about those two issues and can help, I
would really be in pretty good shape for the Leonids, at least as a
monitoring station.  I'm temporarily down for now as far as high power
capability goes.

I'm a newbe to the BeacoNet board here, just signed up and will be watching
the Daily Digest.  Thanks for any help you guys can offer, hope to
```

meet ya sometime.

73, Steve
K5PK
Winston-Salem,NC EM96

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

61. [propnet] Re: New user UI-View v2.32 help needed with bug

From: Roger Barker <roger@peaksys.co.uk>
Date: Mon, 13 Nov 2000 08:42:38 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119409-2000.11.13-02.54.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-119358-2000.11.12-22.39.46--roger#peaksys.co.uk@lis
ts.tapr.org>, Stephen Gregory Thompson <k5pk@amsat.org> writes
>
>But, each time I fire up the program it seems I have to go to Setup,
>Setup-Com, Setup, Easy Setup and select TNC2, OK, OK. Then, do it again but
>select Ka, OK, OK just to get reception and transmissions up and running.
>It's seems to be a hand shake thing between my early model KAM and my
>100+Mhz Pentium running Windows 95. That's my guess.

It's probably something to do with the terminal mode params that are in
your KAM. You could try doing a hardware reset, or try setting it up in
UI-View in terminal mode (Host mode NONE), making sure you use the
KTRONICS command file. That will put in some default terminal mode
parameters, and it will also disable the TNC's internal beacon by
setting "BE E 0". When you're in host mode NONE, you can access the TNC
from the command line on the Terminal window, and check any TNC params
you wish. Once it works ok in terminal mode, try KISS mode again.

>One other interesting glitch just cropped up too. While of course not in
>meteor mode and Setup, Station setup, Fixed=10 I'm getting beacon TX sent
>every minute. So...how about that one?

If you set 10 minutes in Station Setup, then UI-View sends the station
beacon every 10 minutes, it definitely will not send it every minute.
For it to transmit it every minute, your PC clock would need to be
running at 10 times normal speed.

My guess is that whatever is being transmitted isn't the beacon from
UI-View. You can easily tell because you can see the transmission in the
Terminal window. Perhaps the TNC isn't going into KISS mode, and what is
being transmitted is its internal BTEXT?

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

62. [propnet] Re: Meteor Scatter - FULLDUP

From: Roger Barker <roger@peaksys.co.uk>
Date: Mon, 13 Nov 2000 08:44:54 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119410-2000.11.13-02.55.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-119315-2000.11.12-19.08.42--roger#peaksys.co.uk@lis
ts.tapr.org>, The LeMoine Family <dlem@greenvillenc.com> writes
>My apologies to everyone if I asked this last August and received an
>answer.... which I can not find now. The question is:
>Do I turn FULLDUP on (running UI-View; KAM ver. 6.0 firmware)?

If you're using KISS mode in UI-View, then you check "Full Dup" in KISS
Setup. If you're using terminal mode (Host mode NONE), then add "FULLDUP
ON" to the CMD file.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk

For WinPack go to - http://www.peaksys.co.uk

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63. [propnet] RE: [aprs-fl] Re:KQ4TR-3

From: "Dale Hardin" <aginfotech@earthlink.net>
Date: Mon, 13 Nov 2000 08:33:22 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: "TAPR PropNET Remailer" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119454-2000.11.13-07.46.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear James,

KQ4TR is an APRS digipeater located in downtown Ft. Myers FL. This is
strictly a vhf digipeater.   I will leave it to others to determine if
there was an hf hop in there.

Regards, Dale, KS4NS

-----Original Message-----
From: bounce-aprs-fl-13449@lists.tapr.org
[mailto:bounce-aprs-fl-13449@lists.tapr.org]On Behalf Of James Smith
Sent: Saturday, November 11, 2000 3:16 AM
To: Florida APRS Discussion Group
Cc: TAPR PropNET Remailer
Subject: [aprs-fl] Re:KQ4TR-3

A very interesting packet was received this morning from Florida via vhf
here in Indiana. Not knowing if this station is strictly on vhf or hf
will determine rather or not this was one heck of a band opening. So
below you will see the packet.

Time received: 2:37:16am
KQ4TR-3>WB9TLH-10>WIDE4*>APRS:!2637.42N/08152.24W#PHG7330/WIDE Lee
Memorial Hospital Ft Myers [20-Sep-2000]

WB9TLH-10 is located in Bloomington, In 903.17 miles away and
Bloomington is nearly 90 miles Sw of my location.. Hopefully someone can
shed some light on this.

--
73, James, K9APR
Chairman \ Coordinator
Tri-State APRS Working Group
http://www.tawg.org
APRS Webring http://www.tawg.org/join.htm

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To unsubscribe send a blank email to leave-aprs-fl-13449A@lists.tapr.org

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64. [propnet] 3 days operation and no beacons received :(

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 13 Nov 2000 11:22:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119490-2000.11.13-10.33.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HELP.

I am beginning to wonder if something is screwed up here at W4UK. I have
been beaconing 24/7 toward another station 134 miles away for a couple of
days now on 147.585, and his beam is pointing at me as well. Neither of us
has received packets from the other.

He was beaconing at 1 minute intervals, but has now switched to Meteor mode
(I am presently still in standard beacon mode at one minute intervals).

I wonder if I have all set up properly. I don't have any way I can think of
to check myself.

Anybody think of some way for me to determine that this thing is actually
working before the meteors fly?

Is there some checklist other than the pages at the BEACONet website that I
could go over?

I am a total newbie here - _no_ packet experience, for instance.

Should I also switch to Meteor mode?

Would I copy standard packet stations operating on more busy freqs without
them changing to some special mode for me? What are some popular freqs in
NC/SC/GA if so?

Ideas?

Jerry W4UK EM93an

KAM+ (in KISS mode, I think)
UIView 232
FT-847 at about 50 watts
75 feet 9913 coax
Circularly polarized 2M "Oscar Pack" (old) antenna at 25 ft (should have
only minor polarization mismatch loss vs vertical - I can hear 130 mi
distant repeaters with it).

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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65. [propnet] RE: 3 days operation and no beacons received :(

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Mon, 13 Nov 2000 11:54:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119495-2000.11.13-11.00.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Patience is a virtue! :-)

A quick, easy way to check your setup is to tune to the APRS frequency
(144.39) to see that you are copying and decoding packets. It's not good
practice however to beacon as frequently...even on propnet frequencies.
Should the band open due to events other than Meteor propogation your
frequent beacon intervals could be more harm than help. Once you've
confirmed that you can copy and even connect to another APRS station (or
digi thru one) then switch back to the propnet frequency, back off your
beacon interval to 10 minutes and you're ready to go.

If you don't see anything within 10 minutes on 144.39 I recommend that you
walk through the frequencies 145.01, 145.03, 145.05, 145.07, 145.09, 145.71,
145.73 etc. You should hear something hopefully on at least one of these.

A word about Meteor mode to the sig in general: Timing is everything.
Meteor mode can only be successful if you insure that your PC clock is
synchronized against a time standard. PC hardware clocks are notorious for
lack of accuracy and can drift literally seconds between each boot. If you
intend to operate in the quadrant timing aspect of Meteor Mode then be sure
that clock is dead on or else you may be transmitting at the same time
another station (at the other end of the opening) is transmitting.   Even if
you set your clock and don't reboot for several days the system can drift.
This varies widely from system to system.

The easiest fix is to load one of the many freebie NTP (Network Time
Protocol) clock synchronizers. I have one loaded on all of my machines
where everytime I boot it automatically syncs with many of the public NTP
servers. For these application just visit any search engine and use
keywords "free NTP server". Some of these applications boast less than 50
ms accuracy as it first measures the latency from the server, through your
ISP and rest of the Internet and then applies that to the calulation to set
your system clock.

With only a handful of us on the air every second counts. (Hmmm...I hear

that same saying from Palm Beach, FL earlier today) :-)

73,

Tim N1TI
[FN41NP]

formery N1BTQ, WD4KIA

-----Original Message-----
From: bounce-propnet-20520@lists.tapr.org
[mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Jerry Flanders
Sent: Monday, November 13, 2000 11:23 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] 3 days operation and no beacons received :(

HELP.

I am beginning to wonder if something is screwed up here at W4UK. I have
been beaconing 24/7 toward another station 134 miles away for a couple of
days now on 147.585, and his beam is pointing at me as well. Neither of us
has received packets from the other.

He was beaconing at 1 minute intervals, but has now switched to Meteor mode
(I am presently still in standard beacon mode at one minute intervals).

I wonder if I have all set up properly. I don't have any way I can think of
to check myself.

Anybody think of some way for me to determine that this thing is actually
working before the meteors fly?

Is there some checklist other than the pages at the BEACONet website that I
could go over?

I am a total newbie here - _no_ packet experience, for instance.

Should I also switch to Meteor mode?

Would I copy standard packet stations operating on more busy freqs without
them changing to some special mode for me? What are some popular freqs in
NC/SC/GA if so?

Ideas?

Jerry W4UK EM93an

KAM+ (in KISS mode, I think)
UIView 232
FT-847 at about 50 watts
75 feet 9913 coax
Circularly polarized 2M "Oscar Pack" (old) antenna at 25 ft (should have
only minor polarization mismatch loss vs vertical - I can hear 130 mi
distant repeaters with it).

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66. [propnet] Re: 3 days operation and no beacons received :(

From: Earl Needham <kd5xb@amsat.org>
Date: Mon, 13 Nov 2000 11:26:31 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119510-2000.11.13-12.37.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

><snip>
>I wonder if I have all set up properly. I don't have any way I can think of
>to check myself.

Switch over to 144.39 (while in standard mode) and ensure you
can RECEIVE regular APRS stations...

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a
breath, you breathe...)

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67. [propnet] Re: need help

From: Dave N Parker <kg4fta@juno.com>
Date: Mon, 13 Nov 2000 12:41:46 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119537-2000.11.13-14.51.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 12 Nov 2000 20:01:08 GMT "RONALD FUENTES"
<ronfuentes@hotmail.com> writes:
I'm new at packet and sats. Would like info has to. What I need to
get started. Thank you
Ron Fuentes kc8bgm

Reply :

Ron,
This is from a ham who has played with the FM sats a little, not much...
SO-35 is your best bet for FM, with UO-14 being somewhat harder to
receive without
directional antennas. SO-35 can easily be accessed using UHF and VHF
vertical antennas.
SO-35 can be heard using a scanner, (145.825MHz), and to talk on it, you
transmit on 436.291MHz
Now, I may have the transmit frequency off a little, so you may need to
search for SO-35, and
confirm that. Repeating what I said in a clearer way, here is how to use
SO-35 :
Talk on 436.291MHz(can be 436.290Mhz, that works...)
Listen on 145.825MHz. You may need to adjust the receive and/or transmit
frequency,
as the satellite moves across the sky, to compensate for Doppler shift.
SO-35 is a great satellite, I have used it several times.
As far as UO-14 goes, it appears to be a nice satellite, but with the UHF
downlink,
it is somewhat harder to hear. Note that this is my VERY limited
experience on UO-14.
I've never talked on UO-14, and have only heard it a few times.

AO-27 comes to mind, but I think it is about shot.
Never have heard it in more than a year of listening.
With the above satellites the requirements are simple FM transceivers.
UO-14 requires a 2 meter transceiver, and SO-35 requires a 430MHz
transceiver.

Next, you have all the SSB satellites, which appear to be fun, but I've
never used them,
so I can't help you there. They are a little more complicated, but I'm
sure they more
than make up for it in fun...!!

Next, you wanted to know about packet. Not knowing whether you meant
the packet satellites or just terrestrial packet, I will assume that you
meant
terrestrial packet. If you have a computer with a sound card, I can send
you
the instructions to build a packet interface, so you will not need to use
a TNC.
Or, if you prefer, I can work on building one in my spare time, and ship
it to you.(about $20, + $5 s&h)
Now, the other way to use packet is with a "regular" TNC.
The cost is less that $100, used, and can be found new in any ham
magazine, or store.

PSK-31 is a keyboard-to-keyboard "packet" interface, found mostly on HF,
but being increasingly used on 6 and 2 meter SSB.
The requirements for it are simply a computer with sound card and radio,
interface isn't neccesary if you use VOX and the speakers on the
computer!!
However, the interface can be easily built, $5 or less in parts..
More information can be sent to you if you want it...

I hope I have helped you, not confused you with all the information!!
If any of the satellite data isn't current, I apologize.
It was all current as of this summer, but I realize that there is a
possibility of change!
Note : At my location, I hear SO-35, Sunday mornings early (Somewhere
between 7am and 9am)

Please feel free to email me at kg4fta@juno.com
QuikClick Email : mailto:kg4fta@juno.com

73, and GL, DE KG4FTA

_____
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68. [propnet] Re: 3 days operation and no beacons received :(

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 13 Nov 2000 16:58:50 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119555-2000.11.13-16.09.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the tips, guys.

I copy lots of stuff on 144.39. Some with numbers appended to the call
signs (W4UK-3*), some without (W4UK*). I presume those with numbers have
been relayed through repeaters and those withour are coming straight from
the station, right? If that is true I am copying as far away as 284 miles
(according to UIView's "stations" listing), which is encouraging.

Is the asterisk appended to the station's callsign significant as far as
his location is concerned (most have it, but some do not)? If so I may be
fooling myself as to his distance.

I am not beaconing on 144.39, only listening.

Jerry W4UK

At 11:26 AM 11/13/00 -0600, you wrote:
>><snip>
>>I wonder if I have all set up properly. I don't have any way I can think of
>>to check myself.
>
>   Switch over to 144.39 (while in standard mode) and ensure you
>can RECEIVE regular APRS stations...
>
>   7 3
>   Earl
>
>Earl Needham, KD5XB

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69. [propnet] Re: 3 days operation and no beacons received :(

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Mon, 13 Nov 2000 17:20:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119557-2000.11.13-16.32.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The -3 designation is the SSID (or secondar station identification) which is
a provision to allow stations with the same call to operate multiple packet
stations. This has no bearing on whether the packet was digipeated or heard
direct. You are likely seeing most of your stations through a local digi.
You can confirm this by looking at the dialog window at the bottom of the
UI-VIEW screen as the packet comes in and depending on the tnc configuration
you may be able to determine which station you are actually hearing direct
(usually with an asterick beside the call).

What's encouraging is that your station appears to be working properly...or
at least decoding packets properly.

Next thing to do is to park it on 147.585 and wait...

Meanwhile I suggest that visit some of the "packet primer" site to get a
good basic understanding of packet radio. A good place to start is
http://www.packetradio.com/primer.htm . It's somewhat commercial but the
info there is pretty good. I'm sure others on the sig may have some other
good recommendations.

Good luck and hope to "see" you!

73,

Tim N1TI

N1TI-2 147.585
N1TI-6 53.53
[FN41NP]

-----Original Message-----
From: bounce-propnet-20520@lists.tapr.org
[mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Jerry Flanders
Sent: Monday, November 13, 2000 4:59 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: 3 days operation and no beacons received :(

Thanks for the tips, guys.

I copy lots of stuff on 144.39. Some with numbers appended to the call
signs (W4UK-3*), some without (W4UK*). I presume those with numbers have
been relayed through repeaters and those withour are coming straight from
the station, right? If that is true I am copying as far away as 284 miles
(according to UIView's "stations" listing), which is encouraging.

Is the asterisk appended to the station's callsign significant as far as
his location is concerned (most have it, but some do not)? If so I may be
fooling myself as to his distance.

I am not beaconing on 144.39, only listening.

Jerry W4UK

At 11:26 AM 11/13/00 -0600, you wrote:
>><snip>
>>I wonder if I have all set up properly. I don't have any way I can think
of
>>to check myself.
>
>   Switch over to 144.39 (while in standard mode) and ensure you
>can RECEIVE regular APRS stations...
>
>   7 3
>   Earl
>
>Earl Needham, KD5XB

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You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

70. [propnet] Re: Beam Headings

From: Mark Herson <mherson@intac.com>
Date: Tue, 14 Nov 2000 01:27:06 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119578-2000.11.13-19.39.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ev,

Sorry if I wasn't clear, but I meant that message for this coming
weekend, the Leonids MS experiment, not for any tropo work.

I'm trying to decide whether to put my effort into a single
non-directional antenna (a Diamond X-400) or an 8-element yagi. The yagi
will have a little more gain but a more limited azimuthal pattern.

I've been trying to do some research into this question and have come up
with two answers:

1. Aim at the radiant where the meteors will appear to come from
2. Aim a little to the right or left of the great circle path from where
I am to the station that I'm trying to work.

I'm not so sure of the first answer but the second makes sense to me.
However, in this situation, I'm not really trying to work point-to-point
but rather point-to-multipoint. Thus, I'm leaning towards using the
Diamond.

While I have you here, is there any cross-polazaration loss with MS? Or,
is it like conventional skip where the polarization gets changed anyway,
so there is no practical difference?

73, Mark, N2MH

"Ev Tupis (W2EV)" wrote:
>
> Mark Herson wrote:
> >
> > If one were to have a beam but only in a fixed heading, what should that
> > heading be?
>
> Hi Mark,
> It's probably too late (since your activity was going to be
> yesterday), but you can visit the BEACONet website
> (http://go.to/BEACONet) to see a map of participants in the
> Tropo '00 Experiment. Most of those folks are assumed to be
> 24/7 operators, and your best chance for finding others.
>
> Unfortunately, due to ISP problems, I didn't get your
> message until this morning (sunday), or I'd have gone to my
> omni antenna to see if we could have made it. :o(
>
> I'll check lower in the eMail list to see if you posted any
> results of your activity.
>
> Regards,
> Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

71. [propnet] [Fwd: Automated Meteor Scatter]

From: Evhen Tupis <evman@ix.netcom.com>
Date: Tue, 14 Nov 2000 04:26:52 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119647-2000.11.14-03.34.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
I got this interesting eMail yesterday and permission to forward it
today. Jack has since gotten a TNC from eBay and is working on joining
us. It will be great to have Nevada on the air for the Leonids, if he
can pull it together fast enough!

Ev, W2EV

72. [propnet] Re: Beam Headings

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 14 Nov 2000 05:11:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119648-2000.11.14-04.19.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi again, Mark,
Thanks for the clarification...I'm a little slow sometimes.
;-)

You will be best served with the 8-element beam (I'm of the opinion that 4 to 10 elements is ideal for this type of work...but time will tell for sure). As for where to point the antenna for maximum opportunity...that's the easy question to answer: visit http://go.to/METEORegistry and look at the "User Location Profile" (map of registrants). The map is filling in quite well for this year's try. At a glance, you can tell where the activity is (and isn't). I noticed that you've registerd already (thanks!). With your power level, it is doubtful many folks will hear you with a vertical omni. On the other hand, if you bring your beam, and can supply me with the time(s) you'll be on cammelback, I'll be happy to run a predictor program to see which direction the meteor shower is favoring at that time...to help you to point your beam.

As for the "best" place to point, the correct answer is that one aimes "slightly" to the "left" or "right" of the actual path (because of some fancy 3-D geometry). In practice, the beamwidths of our antennas are broad enough so as to not matter that much.

Also...don't forget that the BEACONet system has an advantage over SSB/CW/HSCW meteor operations...we can participate 24/7, so BEACONet-ers can take advantage of burns that other folks, due to operating fatigue, cannot. That's why the SSB/CW crowd attempts to find the "best" time for a given path given the radient of the shower.

As for the issue of (cross)polarization...I've heard plenty of opinion that there is a significant polarization rotation that can take place through meteor trail refraction and that there is no (dis)advantage imposed by polarization issues...the arriving plane may have no polarization resemblence to the polarization in which it was launched. This would be an interesting extension to the experiment to try: a circularly polarized antenna....hmmmm. Now you have me thinking. :o)

Best wishes on your efforts!
Ev, W2EV

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73. [propnet] Leonids Begins in 24 hours!

From: Evhen Tupis <evman@ix.netcom.com>
Date: Wed, 15 Nov 2000 06:47:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119815-2000.11.15-06.17.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's time to think about ramping up for shooting the rocks! Most folks "in the know" predict the event peak will occur on or about the 17th or 18th. If past experience is any clue, this is when we will see the most success, too.

It's time to hookup that amplifier and get ready to start transmitting in Meteor Mode. Remember...the more RF output, the better are your chances for successfully being copied by someone else. Last year, it took a minimum of 400-watts of ERP (that's 100 watts to a 6dB gain antenna) to get noticed on 2-meters. The most successful stations (who were reported as being seen by more than one participant) ran even more power and modest beam antennas.

Be sure to be setup to be transmitting during the correct
quarter-minute. If you are in the Northeast, that's the first-quarter.
The Southeast has the second-quarter, the Southwest has the third
quarter and Northwest has the fourth quarter.

I will be entering Meteor Mode at midnight tonight...200-watts to a
4-element vertical beam from the south shore of Lake Ontario. Visit the
METEORegistry page to determine a good direction to point your beam, if
you have a beam (http://go.to/METEORegistry).

Best Wishes, Everyone!
Ev, W2EV

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74. [propnet] Fwd: ARLS020 W1AW to participate in meteor scatter/APRS experiment

From: Earl Needham <kd5xb@amsat.org>
Date: Wed, 15 Nov 2000 14:57:00 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119867-2000.11.15-16.07.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

!!!

>Cc: recipient list not shown: ;
>Subject: ARLS020 W1AW to participate in meteor scatter/APRS experiment
>Organization: American Radio Relay League
>Date: Wed, 15 Nov 2000 15:44:20 EST
>From: "ARRL Members Only Web site" <memberlist@www.arrl.org>
>
>SB SPACE @ ARL $ARLS020
>ARLS020 W1AW to participate in meteor scatter/APRS experiment
>
>ZCZC AS20
>QST de W1AW
>Space Bulletin 020 ARLS020
>From ARRL Headquarters
>Newington, CT November 15, 2000
>To all radio amateurs
>
>SB SPACE ARL ARLS020
>ARLS020 W1AW to participate in meteor scatter/APRS experiment
>
>ARRL Maxim Memorial Station W1AW again will participate in a
>meteor-scatter experiment by attempting to bounce APRS packets off
>the ionized particles resulting from the Leonids meteor shower.
>
>Beginning at 2100 UTC on November 17 through November 20, W1AW will
>operate WinAPRS-equipped stations on 6 and 2 meters. W1AW will
>monitor and beacon on 53.530 MHz and 147.585 MHz continuously,
>transmitting its grid square.
>
>On 6 meters, W1AW will use an ICOM IC-756 running 100 W with an
>MFJ-1278 TNC. On 2 meters, W1AW will use an ICOM IC-271 at 45 W with
>a AEA PK232 Multimode controller. An article ''Leonids Meteors for
>the Regular Guy'' by Ev Tupis, W2EV, is available to ARRL members on
>the ARRL Web site, http://www.arrl.org. Also see ''An Automated
>Meteor-Scatter Station'' by Tupis in November 1999 QST.
>
>QSLs will be available for all stations receiving W1AW's APRS
>beacons. An SASE is requested.
>NNNN
>/EX

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75. [propnet] Another way to capture activity

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Wed, 15 Nov 2000 18:14:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119868-2000.11.15-17.26.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While we're just about ready for the event (or any other openings) I'd like to offer another way to capture activity. There will no doubt be cases where you'll hear activity but too far down in the noise to be accurately decoded. Instead of missing those opportunities I'm proposing that you augment your Propnet stations with VOX audio recording capabilities. It may be possible to go back and anaylyze these packets or process them with DSP in an attempt to pull out calls or posits that can't normally be decoded with a TNC. If that's not possible then at least you'll be able to determine that some activity is taking place. To faciltate easy recording, storage and processing of audio I recommend a free application called "SCANNER RECORDER". It's a VOX acutuated audio recorder that uses your sound card to capture audio streams. Since it uses VOX it will not fill your hard disk with unnecessary "dead air". Here's a clip from the author's web site:

Scanner Recorder (Scanrec) is a free audio recorder that is primarily designed to record speech. It has a VOX control that allows the user to save disk space when no sound is present in the signal.

Since FM communications has such an effective squelch, the recorder works best with FM. HF ham bands and World Band radio have such a poor signal to noise ratio that the VOX gate on Scanrec might not be very easy to set.

Some of the uses of Scanner Recorder are:

 Recording radio communications.
 Recording channels that hardly ever have activity. Catch rarely heard conversations.
 Air traffic control recording.
 Dictation.
 Record (compressed) broadcast radio or TV and listen to it when it's more convenient.

Here's an explanation on what Scanner Recorder does:

 Scanner Recorder provides a switched recorder that listens to the sound coming into the audio card and if the sound is above the minimum threshold, the recorder operates. If the sound level falls below the threshold, the recorder pauses.

 Since the recorder starts and stops based on what it hears, Scanner Recorder incorporates an anti-clipping feature that keeps the very beginning of the audio that breaks the squelch threshold from being clipped off. The result is that when sound is played back, there is no noticeable "click". Also the beginning of the audio event is not clipped off (like mechanical vox recorders do).

Again, the application is called "SCANNER RECORDER" and is available as shareware at http://www.davee.com It should be relatively easy to pick off the RX audio and go right into your sound card input. The anti-clip feature will be useful in capturing COMPLETE packets. Since some of the TNC's support a "garbage mode" is may be possible to diplay errored packets.

Any comments?

73,

Tim
N1TI-2 147.585
N1TI-6 53.53
[FN41NP]

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76. [propnet] 43 and counting!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 15 Nov 2000 06:29:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-119874-2000.11.15-18.05.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It looks like we've got a ton of interest in the Leonids
this year. If possible, please visit the METEORegistry
webpage to register your participation. Rich Parry (W9IF)
has done a fantastic job of assembling this website
(http://go.to/METEORegistry). The form takes about a minute
and a half to complete, and the results to date are very
encouraging!

If you'll be playing later this week...please register!

Ev, W2EV

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77. [propnet] Re: Leonoids

From: Dave N Parker <kg4fta@juno.com>
Date: Wed, 15 Nov 2000 23:38:09 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119911-2000.11.15-23.51.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To all the meteor scatter operators....

Looks like my Win95 machine won't let me interface my TNC,
so I'm stuck with text-only meteor operations, unless I can get a Win 3.1
APRS program running tomorrow.

Anybody got the text that I need to be transmitting? My grid is EM67, not
sure about the lat/long.
Or, does anyone know of a meteor station compatible program that will fit
on a disk for Win 3.1?
I may have to install Win32s....which I really don't want to take the 5
minutes to do.....(grin)

Or if there is any tech out there who can provide some quick info on how
to get Win95 to let me
use my TNC, here is the problem : It opens the com port, but the TNC
doesn't talk to the program.
However, the software, cables, and TNC are all working on my DOS-based
machine.
No, even when I reboot into DOS on the Win95 machine, it still doesn't
work.....
Only thing I can think of is that there is some obscure setting that is
not set right.
I have played with the com port settings in Windows, to no avail.
I used WinAPRS, UI-View, and Lanlink...LanLink has come the closest to
working.

73 DE KG4FTA

_____
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http://dl.www.juno.com/get/tagj.

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78. [propnet] Just joining in

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Thu, 16 Nov 2000 00:09:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119927-2000.11.16-00.19.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello--

Just joining the listserv, and just starting out with a 24/7 PropNet station.
Callsign N5YJP, gridsquare EM12pu, 50 watts into a 3dB ringo at 30'. I also have

a 10dB small beam I might be using in the next few days.

Any input, suggestions, ideas, comments, are always welcome.

Hope to be seen/see some of you on the map!

73,
Mark

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

79. [propnet] Re: Leonoids

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 16 Nov 2000 08:38:19 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119935-2000.11.16-02.50.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-119911-2000.11.15-23.51.19--roger#peaksys.co.uk@lis
ts.tapr.org>, Dave N Parker <kg4fta@juno.com> writes
>To all the meteor scatter operators....
>
>Looks like my Win95 machine won't let me interface my TNC,
>so I'm stuck with text-only meteor operations, unless I can get a Win 3.1
>APRS program running tomorrow.
>
>Anybody got the text that I need to be transmitting? My grid is EM67, not
>sure about the lat/long.
>Or, does anyone know of a meteor station compatible program that will fit
>on a disk for Win 3.1?

If by "fit on a disk", you mean run from a floppy, then I can't help
you. However UI-View is a Win31 program and can be put on two floppies
to install it.

>Or if there is any tech out there who can provide some quick info on how
>to get Win95 to let me
>use my TNC, here is the problem : It opens the com port, but the TNC
>doesn't talk to the program.
>However, the software, cables, and TNC are all working on my DOS-based
>machine.

Why not use DOS APRS? That has a meteor mode.

>No, even when I reboot into DOS on the Win95 machine, it still doesn't
>work.....
>Only thing I can think of is that there is some obscure setting that is
>not set right.

Two wild guesses:-

1. What's the TNC and the DOS software you are using? I would guess that
50% of problems like this that I have encountered result from the DOS
software leaving the TNC in host mode. The result is that nothing else
can talk to the TNC.

2. Has the TNC got battery/NoVRAM back-up? If not then it may be needing
auto-bauding when it starts up, and most programs won't do that without
some changes to the TNC initialisation file. (This is a common problem
with PK-232s.)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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80. [propnet] Re: Leonoids

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Nov 2000 06:36:20 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119945-2000.11.16-05.59.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dave,
You have several options...
If the TNC talks to your DOS-based computer, but not your
Win95 computer I would attempt the following:
1. Check the basic communication between the TNC and
   your computer using Windows HyperTerminal. You seem
   to have tried this step already...but maybe something
   embedded below can jog a memory cell to help a bit
   more. :o)

     Assure yourself that HyperTerm is setup to be talk-
     ing on the correct serial port with the correct
     comm parameters (especially if your machine has
     multiple serial ports).

     Assure that the computer to TNC cable functions by
     testing it on another computer/TNC combination, if
     possible.

     Try a reset of the TNC (from the manual) to attempt
     to reset it to factory default settings. It may need
     to autobaud again (sync to the baudrate settings of
     your computer).

2. Use a Windows 3.1 machine -- UI-View will run fine.

     If you need to download it to floppies in order to
     get it to your 3.1 machine, then get them from the
     UI-View Authors' web site
     (http://www.packetradio.org.uk/) at the following
     more direct URL's:
http://www.peaksys.freeserve.co.uk/ui232flp/ui232_1.exe
http://www.peaksys.freeserve.co.uk/ui232flp/ui232_2.exe
     Run each of them with a formatted floppy in the A:
     and they will create installation disks that you
     may use on your Win 3.1 machine.

3. Use APRSdos instead of UI-View. It will run on your
   DOS machine.

     You can download APRSdos from http://www.tapr.org.
     it is available in the Software section. Although
     I've never used it successfully, I understand that
     once you go through the setup you invoke Meteor
     Mode by executing the following keystrokes:
     alt-setup-format- and then choose the option to
     invoke Meteor Mode. Be careful here, though, as
     there are two options: one that will invoke the 15-
     second Meteor Mode and one that will simply ID your
     station every 10-minutes with a [GR##ID] position
     indicator. Be sure to choose option 1 for Meteor
     Mode.

4. Manually configure to beacon once every minute. This
   is a very poor 4th choice, by the way.

     Your frame will take the format of:
     KG4FTA>CQ147:[EM67LL] <--NOTE:6-char Grid!
     Be sure to turn FULLDUP "ON"

Here's looking forward to seeing you on "the burns". :o)

Regards,
Ev, W2EV

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81. [propnet] Re: Just joining in

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Nov 2000 06:42:19 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119946-2000.11.16-06.01.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Welcome Mark!
You ought to have several other stations in range to test
against. 50-watts to a 3dB antenna won't give much of a
signal for other Meteor Mode stations to receive, but you
may be fortunate enough to hear the transmissions of
others. You 10-dB antenna will improve your chances of
being heard significantly. I'd highly suggest that you use
it if you can.

Be sure to register (so others will know that you're active,
and may point their beams in your direction) by visiting
http://go.to/METEORegistry, too.

Welcome aboard!
Ev, W2EV

Mark Waldron wrote:
>
> Hello--
>
> Just joining the listserv, and just starting out with a 24/7 PropNet station.
> Callsign N5YJP, gridsquare EM12pu, 50 watts into a 3dB ringo at 30'. I also have
> a 10dB small beam I might be using in the next few days.
>
> Any input, suggestions, ideas, comments, are always welcome.
>
> Hope to be seen/see some of you on the map!
>
> 73,
> Mark
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

82. [propnet] Grid Square Reminder!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Nov 2000 06:43:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119947-2000.11.16-06.02.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Be sure to use 6-character grid squares! 4-character
versions aren't decoded. Please recheck your
transmissions. Time to power-up, if you haven't already!
The shower is about to start.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

83. [propnet] Re: Just joining in

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Thu, 16 Nov 2000 11:55:12 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119949-2000.11.16-06.05.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

N5YJP*>CQ147-6 [UI]:
[EM12vu] crouchinglama@yahoo.com
KC5ION*>CQ147 [UI]:
[EM12NV] BEACON@dougfree.com
K5WO*>BEACON <UI>:
[EM12px] k5wo@arrl.net

Wow ! I was off for a couple of weeks while I was out of the country,
and it seems that North Texas is quite active now.

I think both N5YJP and KC5ION are beaconing way too often.

But, it's nice to see some callsigns show up !

73,
Bob N5NJ
EM13PA
Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Mark Waldron" <bogart@thepourhousedallas.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Thursday, November 16, 2000 06:09
Subject: [propnet] Just joining in

> Hello--
>
> Just joining the listserv, and just starting out with a 24/7 PropNet
station.
> Callsign N5YJP, gridsquare EM12pu, 50 watts into a 3dB ringo at 30'.
I also have
> a 10dB small beam I might be using in the next few days.
>
> Any input, suggestions, ideas, comments, are always welcome.
>
> Hope to be seen/see some of you on the map!
>
> 73,
> Mark
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

84. [propnet] Re: Leonids Begins in 24 hours!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 16 Nov 2000 06:44:40 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119953-2000.11.16-08.04.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:47 AM 11/15/00 -0500, Evhen Tupis blasted the following out into the
ether:
>It's time to think about ramping up for shooting the rocks! Most folks
>"in the know" predict the event peak will occur on or about the 17th or
>18th. If past experience is any clue, this is when we will see the most
>success, too.

      I SAW a pretty good one last night when I was returning from Lubbock,
around midnight local Texas time. Perhaps that's a sign of things to come!

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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85. [propnet] Re: Leonoids

From: Dave N Parker <kg4fta@juno.com>
Date: Thu, 16 Nov 2000 08:56:22 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119956-2000.11.16-09.11.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the help, Ev.
I'll try all this, and some stuff that a few other people suggested, and
hopefully
I can get it up on my main machine. If not, I'll just put UI-View on
Win3.1 machine....
I'll be running 150 watts alternating between a 4 element beam, and a
pair of 11's.
Hope to hear your station on the air in a few hours......

73, and GL with the Leonoids...DE KG4FTA

On Thu, 16 Nov 2000 06:36:20 -0500 "Ev Tupis (W2EV)"
<propnet@greeceny.com> writes:
> Hi Dave,
> You have several options...
> If the TNC talks to your DOS-based computer, but not your
> Win95 computer I would attempt the following:
> 1. Check the basic communication between the TNC and
>   your computer using Windows HyperTerminal. You seem
>   to have tried this step already...but maybe something
>   embedded below can jog a memory cell to help a bit
>   more. :o)
>
>   Assure yourself that HyperTerm is setup to be talk-
>   ing on the correct serial port with the correct
>   comm parameters (especially if your machine has
>   multiple serial ports).
>
>   Assure that the computer to TNC cable functions by
>   testing it on another computer/TNC combination, if
>   possible.
>
>   Try a reset of the TNC (from the manual) to attempt
>   to reset it to factory default settings. It may need
>   to autobaud again (sync to the baudrate settings of
>   your computer).
>
> 2. Use a Windows 3.1 machine -- UI-View will run fine.
>
>   If you need to download it to floppies in order to
>   get it to your 3.1 machine, then get them from the
>   UI-View Authors' web site
>   (http://www.packetradio.org.uk/) at the following
>   more direct URL's:
> http://www.peaksys.freeserve.co.uk/ui232flp/ui232_1.exe
> http://www.peaksys.freeserve.co.uk/ui232flp/ui232_2.exe
>   Run each of them with a formatted floppy in the A:
>   and they will create installation disks that you
>   may use on your Win 3.1 machine.
>
> 3. Use APRSdos instead of UI-View. It will run on your
>   DOS machine.
>
>   You can download APRSdos from http://www.tapr.org.
>   it is available in the Software section. Although
>   I've never used it successfully, I understand that
>   once you go through the setup you invoke Meteor
>   Mode by executing the following keystrokes:
>   alt-setup-format- and then choose the option to
>   invoke Meteor Mode. Be careful here, though, as
>   there are two options: one that will invoke the 15-
>   second Meteor Mode and one that will simply ID your
>   station every 10-minutes with a [GR##ID] position
>   indicator. Be sure to choose option 1 for Meteor
>   Mode.
>
> 4. Manually configure to beacon once every minute. This
>   is a very poor 4th choice, by the way.
>
>   Your frame will take the format of:
>   KG4FTA>CQ147:[EM67LL] <--NOTE:6-char Grid!
>   Be sure to turn FULLDUP "ON"
>
> Here's looking forward to seeing you on "the burns". :o)

> Regards,
> Ev, W2EV
>
>
>
> ---
> You are currently subscribed to propnet as: kg4fta@juno.com
> To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
>

_____
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http://dl.www.juno.com/get/tagj.

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86. [propnet] Local Stations

From: "RT" <rick@iximd.com>
Date: Thu, 16 Nov 2000 13:26:50 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119994-2000.11.16-12.38.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,
I am using the newest version of UI-View. I have a station about 6miles from
me that just started up. How do I keep from receiving all of the packets he
transmits?
Rick N3ZTZ

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

87. [propnet] Re: Just joining in

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Thu, 16 Nov 2000 12:52:32 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-119998-2000.11.16-13.02.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob, et al:

Bob Naumann - N5NJ wrote:

> I think both N5YJP and KC5ION are beaconing way too often.

I want to participate, but only if I am doing it right! :)

I set my UI-View up in this order:
Text mode, level I
Graphics mode, level II
Meteor mode

It is set to beacon from x:30 to x:44 every minute. The
setup docs said set it for a 15 second tx, but I set it for
14 seconds to maybe avoid stepping on neighboring quadrants.

I leave the 'terminal' window up, and yes, when it beacons, it
sure is pumping out a lot of data. I thought it might tx data
once per second or so, but it appears to be much faster than
that.

Bob or anyone, please let me know of any changes I should make.
I'd like to be on the map, but I also don't want to spoil anything
for anybody.

My station will be down part of today so I can put my beam in line
for use.

Thanks,

Mark

>
> But, it's nice to see some callsigns show up !

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

88. [propnet] UI-View setup

From: drumm@us.ibm.com
Date: Thu, 16 Nov 2000 13:27:23 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120000-2000.11.16-13.36.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just set up our club station, W0IBM, to run UI-View for the Leonids
event. Everything looks to be working OK except that while setting it up, I
had it on the APRS frequency, but it never displayed any stations on the
map. I'm running with a PK88 in KISS mode. I set up the station according
to the directions at Beaconet. When I turned on digipeating, I saw that it
did digipeat a WIDEn-n packet, so the KISS mode must be operating fine. (I
was monitoring from our APRS station.)

Is there something in the set up I did which makes it only display [gr##id]
type posits?

Also, it is beaconing in meteor mode. But it transmits for only 5s even
though I set the duration to 15s.

Tony Drumm
AA0SM

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

89. [propnet] Re: UI-View setup

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 16 Nov 2000 20:04:48 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120012-2000.11.16-14.16.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-120000-2000.11.16-13.36.45--roger#peaksys.co.uk@lis
ts.tapr.org>, drumm@us.ibm.com writes
>
>I just set up our club station, W0IBM, to run UI-View for the Leonids
>event. Everything looks to be working OK except that while setting it up, I
>had it on the APRS frequency, but it never displayed any stations on the
>map. I'm running with a PK88 in KISS mode. I set up the station according
>to the directions at Beaconet. When I turned on digipeating, I saw that it
>did digipeat a WIDEn-n packet, so the KISS mode must be operating fine. (I
>was monitoring from our APRS station.)
>
>Is there something in the set up I did which makes it only display [gr##id]
>type posits?

No, that's not possible. Open the Terminal window. Every frame the TNC
hears is displayed in there. If you can't see any packets, then either
the TNC isn't decoding the data, or it hasn't gone into KISS mode.

>Also, it is beaconing in meteor mode. But it transmits for only 5s even
>though I set the duration to 15s.

I would guess that the PK-88 has a small input buffer and can't hold
enough data for a 15 second burst.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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90. [propnet] Re: Local Stations

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 16 Nov 2000 20:06:49 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120013-2000.11.16-14.19.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-119994-2000.11.16-12.38.07--roger#peaksys.co.uk@lis
ts.tapr.org>, RT <rick@iximd.com> writes
>Hello all,
>I am using the newest version of UI-View. I have a station about 6miles from
>me that just started up. How do I keep from receiving all of the packets he
>transmits?

Put him in the Exclude List.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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91. [propnet] Re: Local Stations

From: "RT" <rick@iximd.com>
Date: Thu, 16 Nov 2000 15:29:11 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120019-2000.11.16-14.39.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Roger,
Thanks for the help. I'm still having problems that I have to communicate to
the tnc via hyperterminal before I can get the program to work. Minor
inconvenience, but nothing I can't work with. Thanks again for all your work
and support.

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92. [propnet] Re: Local Stations

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Nov 2000 16:04:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120025-2000.11.16-15.42.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

RT wrote:

> Hello all,
> I am using the newest version of UI-View. I have a station about 6miles from
> me that just started up. How do I keep from receiving all of the packets he
> transmits?
> Rick N3ZTZ

This one's easy... (I can't say that often <smile>)
Setup | Excluded List
and type the callsign of the station that you wish to exclude.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

93. [propnet] Re: Just joining in

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Nov 2000 16:09:40 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120026-2000.11.16-15.43.11--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

> > I think both N5YJP and KC5ION are beaconing way too often.
> I want to participate, but only if I am doing it right! :)
> I set my UI-View up in this order:
> Text mode, level I
> Graphics mode, level II
> Meteor mode
> It is set to beacon from x:30 to x:44 every minute. The
> setup docs said set it for a 15 second tx, but I set it for
> 14 seconds to maybe avoid stepping on neighboring quadrants.
>
> I leave the 'terminal' window up, and yes, when it beacons, it
> sure is pumping out a lot of data. I thought it might tx data
> once per second or so, but it appears to be much faster than
> that.

Mark,
You're setup correctly...and yes...that's a lot of transmissions. There may be some confusion resulting from two "events" that are running concurrently: the Tropo '00 Experiment (in which participants beacon once every 10 minutes) and the Leonids Event (in which participants pump out a ton of transmissions for 15 seconds of every minute).

Meteor Mode is designed to fill the ether will a lot of traffic, increasing the odds of success. Bob is probably still thinking "Tropo Experiment" and was suprised to see so much traffic on the channel in preparation for the Leonids. As long as you are RXing for 45 seconds and TXing for 15, you are setup correctly.

Ev, W2EV

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94. [propnet] Re: UI-View setup

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Nov 2000 16:18:01 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120027-2000.11.16-15.43.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I just set up our club station, W0IBM, to run UI-View for the Leonids
> event. Everything looks to be working OK except that while setting it up, I
> had it on the APRS frequency, but it never displayed any stations on the
> map. I'm running with a PK88 in KISS mode. I set up the station according
> to the directions at Beaconet. When I turned on digipeating, I saw that it
> did digipeat a WIDEn-n packet, so the KISS mode must be operating fine. (I
> was monitoring from our APRS station.)
>
> Is there something in the set up I did which makes it only display [gr##id]
> type posits?
>
> Also, it is beaconing in meteor mode. But it transmits for only 5s even
> though I set the duration to 15s.
>
> Tony Drumm
> AA0SM

Tony,
There's a lot going on in Meteor Mode...for instance:
UI-View calculates how many TX sequences to string together prior to stringing them together...then strings them together into one big one...15 seconds long. It takes only about 5 seconds to dump the whole string to the TNC. The TNC then engages the transceiver for the full 15 seconds.

So...if you are basing your "short TX time" on the time to dump from computer to TNC, then all is well. If, though, you are referring to the amount of time that your transceiver is actually keyed, then that is something entirely different. In that case...it's probably because your TNC has a small buffer (not large enough to hold 15-seconds worth of data at 1200 baud.

As for not displaying any stations on your map...I'd suggest that you perform a factory "hard" reset of the TNC, then setup for UI-View as a first step (this is often overlooked in the instructions, btw). Otherwise, if you *did* do the

reset, then the next thing to find out is if any stations are appearing in your
stations list (there's a pull-down menu for that). Also, use the Terminal
window to observe what is being decoded; then send a copy of that to the
listserve to see if anyone can offer assistance from there.

It's good to have you on! I remember copying W0IBM a couple of years ago from
NY!

Ev, W2EV

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95. [propnet] Re: Just joining in

From: Earl Needham <kd5xb@amsat.org>
Date: Thu, 16 Nov 2000 14:39:45 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120030-2000.11.16-15.53.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

><snip>
>It is set to beacon from x:30 to x:44 every minute. The
>setup docs said set it for a 15 second tx, but I set it for
>14 seconds to maybe avoid stepping on neighboring quadrants.

        Be sure to manually verify this. Mine transmits for the
wrong amount of time, so I have to juggle the settings a bit to make
it right.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a
breath, you breathe...)

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96. [propnet] Re: UI-View setup

From: Earl Needham <kd5xb@amsat.org>
Date: Thu, 16 Nov 2000 14:46:09 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120031-2000.11.16-15.58.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

><snip>
>I would guess that the PK-88 has a small input buffer and can't hold
>enough data for a 15 second burst.

        Too bad you couldn't have UI-View send just a few packets at
a time until 15 seconds' worth were sent, to make up for this...

        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a
breath, you breathe...)

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97. [propnet] software available for tnc's

From: sixersixer@att.net
Date: Thu, 16 Nov 2000 21:52:59 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-120033-2000.11.16-16.04.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I HAVE FOUND SOME VERY NICE TNC SOFTWARE CALLED WINPACK
THAT RUNS MFJ1270 ETC. WITH 32KILOBAUD +
CAPABILITY ,LIMITED ONLY BY THE TNC ,EMAIL ME IF YOU
CANT FIND IT IT ON THE NET, A SMALL DONATION FOR THE
SOFTWARE IS IS REQUESTED BUT RUNS FINE AFTER UNZIPPING
THE FILE MY SETTINGS FOR THE 1270MFJ ARE 7-1-ODD
@9600,LINK TO FT847 YAESU MUST BE SET TO 9600 ALSO IN
MENU AND IT COMES TO LIFE! ARSK DE KE4WBO

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98. [propnet] Re: UI-View setup

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 16 Nov 2000 22:12:47 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120036-2000.11.16-16.25.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-120031-2000.11.16-15.58.56--roger#peaksys.co.uk@lis
ts.tapr.org>, Earl Needham <kd5xb@amsat.org> writes
>><snip>
>>I would guess that the PK-88 has a small input buffer and can't hold
>>enough data for a 15 second burst.
>
>   Too bad you couldn't have UI-View send just a few packets at
>a time until 15 seconds' worth were sent, to make up for this...

Now I know there can be a problem, I may well do that at some stage.
Originally I was more concerned with making sure that the TNC buffer is
kept full, so the rig only keys once in each burst.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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99. [propnet] Re: Just joining in

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Thu, 16 Nov 2000 22:33:17 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120040-2000.11.16-16.43.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I stand corrected.

Apparently, K5WO and I are still in tropo mode and the new arrivals
are in Leonids mode.

Will be joining you "lions" shortly.

Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Thursday, November 16, 2000 21:09
Subject: [propnet] Re: Just joining in

> > > I think both N5YJP and KC5ION are beaconing way too often.
> > I want to participate, but only if I am doing it right! :)
> > I set my UI-View up in this order:
> > Text mode, level I
> > Graphics mode, level II
> > Meteor mode
> > It is set to beacon from x:30 to x:44 every minute. The

> > setup docs said set it for a 15 second tx, but I set it for
> > 14 seconds to maybe avoid stepping on neighboring quadrants.
> >
> > I leave the 'terminal' window up, and yes, when it beacons, it
> > sure is pumping out a lot of data. I thought it might tx data
> > once per second or so, but it appears to be much faster than
> > that.
>
> Mark,
> You're setup correctly...and yes...that's a lot of transmissions.
There
> may be some confusion resulting from two "events" that are running
> concurrently: the Tropo '00 Experiment (in which participants beacon
once
> every 10 minutes) and the Leonids Event (in which participants pump
out a
> ton of transmissions for 15 seconds of every minute).
>
> Meteor Mode is designed to fill the ether will a lot of traffic,
increasing
> the odds of success. Bob is probably still thinking "Tropo
Experiment" and
> was suprised to see so much traffic on the channel in preparation
for the
> Leonids. As long as you are RXing for 45 seconds and TXing for 15,
you are
> setup correctly.
>
> Ev, W2EV
>
>
>
>
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

100. [propnet] Re: UI-View setup

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Nov 2000 17:44:23 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120043-2000.11.16-16.56.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >   Too bad you couldn't have UI-View send just a few packets at
> >a time until 15 seconds' worth were sent, to make up for this...
>
> Now I know there can be a problem, I may well do that at some stage.
> Originally I was more concerned with making sure that the TNC buffer is
> kept full, so the rig only keys once in each burst.

Hi Roger,
I'm a proponent of a minimal amount of T/R cycles. During a meteor event,
we can cycle through a ton of T/R's. I'd hate to have you change a lot of
code for the sake of a few TNC's.

On the other hand, it seems that it's the PK88's and 232's that seem to have
the problem...maybe a patch only for them? I don't know...but I'm really
happy that UI-View makes only 1 T/R cycle per minute. I'd hate to "use up"
my relay during MS events. :o)

Ev, W2EV

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101. [propnet] VI-View Hints for the Leonids

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 16 Nov 2000 17:51:30 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120044-2000.11.16-17.02.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here are a couple of settings that you may want to check out:

Setup | Miscellaneous | Expire Time = 0
This will allow all icons to stay on your screen (never expire). If
this is set to any other value, then you stand the chance of having
received a meteor packet and yet have it disappear after N-minutes.

Print-Screen key
By pressing this key (with your UI-View window maximized) it will copy
your screen contents to a buffer, allowing you to "Edit | Paste" the
contents into WinPaint. Then File | Save As... a JPG. Keep track of
your successes and eMail me your best. I may include it in a followup
article that I'm writing!

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

102. [propnet] On the air shortly

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Thu, 16 Nov 2000 20:43:46 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120081-2000.11.16-20.59.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Greetings to all Meteor APRS chasers,

I am about to activate my station around 0330 UTC, 17-NOV-00, this
evening beaming in several directions or where the activity is heard.
Hope to see some activity.

Grid: EM64PT
ERP: 35.3 dB CP (3388 watts Circular Polarization)
Location: Huntsville, AL

73's,

Tim - N8DEU
Huntsville, Alabama

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

103. [propnet] Joining in

From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Thu, 16 Nov 2000 22:31:37 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120093-2000.11.16-21.46.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KV4CN started 0319 UTC. 50W, 11 elements, beaming north right now, FM15hn
(Eastern North Carolina).
Good luck to all.
Dave

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104. [propnet] APRSdos for Leonoids?

From: Dave N Parker <kg4fta@juno.com>
Date: Thu, 16 Nov 2000 21:41:14 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120095-2000.11.16-21.53.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hope to try to get in on at least some of the Leonoids...
Anybody know the settings to get APRSdos working on meteor?

73 DE KG4FTA
_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

105. [propnet] Meteors

From: Wayne Colliander <wcolliander@earthlink.net>
Date: Thu, 16 Nov 2000 19:55:21 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120096-2000.11.16-22.04.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To all meteor chasers,

I have activated my 2 meter station this evening, Nov. 16, 2000.
50 watts into a j-pole at 30 feet.
Grid: CM87XH
Location: Cupertino, California.

If any locals see me, please respond via e-mail.
73
Wayne, KE6AJE

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

106. [propnet] Re: APRSdos for Leonoids?

From: Wayne Colliander <wcolliander@earthlink.net>
Date: Thu, 16 Nov 2000 20:00:24 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120097-2000.11.16-22.10.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dave,
I found this year the experiment is being done differently than last year!
I suggest you check in to the ARRL site and check out the new methods being
used. Anew software is available and is easy to get working if you download
all the instructions you'll find there. Have fun.
Wayne - KE6AJE

Dave N Parker wrote:

> Hope to try to get in on at least some of the Leonoids...
> Anybody know the settings to get APRSdos working on meteor?
>
> 73 DE KG4FTA
> _____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> You are currently subscribed to propnet as: wcolliander@earthlink.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

107. [propnet] Re: UI-View setup

From: Jerry Flanders <jflanders2@home.com>
Date: Thu, 16 Nov 2000 23:15:08 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120098-2000.11.16-22.26.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:44 PM 11/16/00 -0500, you wrote:
>>
>
>On the other hand, it seems that it's the PK88's and 232's that seem to have
>the problem...maybe a patch only for them? I don't know...but I'm really
>happy that UI-View makes only 1 T/R cycle per minute. I'd hate to "use up"
>my relay during MS events. :o)
>
>Ev, W2EV
>
>

My KAM+ is sending perhaps 7 - 9 distinct bursts of varying lengths during
the 15 second period. The computer is a slow old 386sx20 - perhaps the
computer's processing time is limiting the buffer fill operation.

When I set up with the standard 15 second transmit time, I had many
distinct bursts that actually comsumed about 45 seconds clock time. I had
to back off on the transmit time to about 5-6 seconds to actually keep my
transmissions within my 15 second window.

I am beaming up the coast from SC - about 40 degrees azimuth with 50 watts
into a yagi. Please send a few packets my way, guys, but be gentle - this
is my very first time ;-)

Jerry W4UK EM93an South Carolina

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

108. [propnet] Re: Meteors

From: Terry Heatlie <wtph@nortius.org>
Date: Thu, 16 Nov 2000 22:06:30 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: wtph@shell2.webquarry.com
Message-ID: <LYR1548-120126-2000.11.17-00.17.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thursday 16 November 2000 19:55, you wrote:
[...]
> If any locals see me, please respond via e-mail.

Hi Wayne,

Receiving you load and clear here in Santa Clara.
Unfortunately I haven't got my setup to transmit
successfully yet, but I will at least be monitoring for
meteor scatter during the Leonids.

regards,
Terry Heatlie, KV6M.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

109. [propnet] W3MR received in EM93an

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 17 Nov 2000 09:40:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org
Message-ID: <LYR1548-120152-2000.11.17-08.51.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

YIPPEE! Caught my first callsign on the UI-View.

I wasn't sure it was even working, because I was never able to copy locals
100 miles away direct, but apparently all is well. Woke up this morning and
there was a big fat W3MR on the screen!

Send a few more callsigns, guys. I am still listening, still beaming
straight up the east coast.

Jerry W4UK EM93an South Carolina

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

110. [propnet] Re: APRSdos for Leonoids?

From: Earl Needham <kd5xb@amsat.org>
Date: Fri, 17 Nov 2000 07:48:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120154-2000.11.17-09.00.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Hi Dave,
>I found this year the experiment is being done differently than last year!
>I suggest you check in to the ARRL site and check out the new methods being
>used.

        I'd suggest staying right here and get Ev to explain it,
especially since (I think) this is the first time that W1AW has
participated.

        7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a
breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

111. [propnet] Anybody with any contacts yet?

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Fri, 17 Nov 2000 10:28:58 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120158-2000.11.17-10.39.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello--

Just trying to get an idea of current status in the meteor experiment.

Has anyone made or seen any contacts unattainable by conventional paths?
Not being impatient, just curious as to the luck some may have had so far.

PS: My station can be kept going every minute for the duration. I have
a 10dB beam being fed by 50 watts, poining North East from EM12pu, in
Dallas, TX.

73,
Mark N5YJP

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

112. [propnet] Re: Anybody with any contacts yet?

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 17 Nov 2000 13:06:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120175-2000.11.17-12.17.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

See my earlier post "W3MR received in EM93an". This is my first MS event
and he is my only "contact" thus far.

Along with the very sensible plan to alternate calling times per geographic
regions, I am surprised that we are not using a similar system for pointing

beams (or did I just miss reading about that?).

I am pointing up the east coast, so it is unlikely you and I will ever copy
each other. Omni systems would cover all, I know, but from what I have read
we really need the gain of the beam on 2. Is there a plan to change beam
orientation as the shower progresses?

Jerry W4UK

At 10:28 AM 11/17/00 -0600, you wrote:
>Hello--
>
>Just trying to get an idea of current status in the meteor experiment.
>
>Has anyone made or seen any contacts unattainable by conventional paths?
>Not being impatient, just curious as to the luck some may have had so far.
>
>PS: My station can be kept going every minute for the duration. I have
>a 10dB beam being fed by 50 watts, poining North East from EM12pu, in
>Dallas, TX.
>
>73,
>Mark N5YJP
>
>---
>You are currently subscribed to propnet as: jflanders2@home.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

113. [propnet] Re: APRSdos for Leonoids?

From: sixersixer@att.net
Date: Fri, 17 Nov 2000 18:30:56 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120177-2000.11.17-12.41.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HELLO DAVE SAW YOUR MESSAGE ON APRS ,THE SETTINGS FOR
METEOR SCATTER CAN BE FOUND ON THE BEACONNET SITE ALSO
FOUND ON THE ARRL FRONT PAGE 73 ARSK DE KE4WBO PINGING
AWAY ON 53.530
> Hope to try to get in on at least some of the Leonoids...
> Anybody know the settings to get APRSdos working on meteor?
>
> 73 DE KG4FTA
> _____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> You are currently subscribed to propnet as: ke4wbo@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

114. [propnet] Re: Anybody with any contacts yet?

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Fri, 17 Nov 2000 13:31:18 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120182-2000.11.17-13.41.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jerry, et al:

Jerry Flanders wrote:
> Along with the very sensible plan to alternate calling times per geographic
> regions, I am surprised that we are not using a similar system for pointing
> beams (or did I just miss reading about that?).

This brings up what I, too, think is a very important point, at least for some
stations to experiment with. Currently, I have aimed my 10dB beam to "due North East";
this particular direction was chosen since my house is surrounded by 13 45 foot tall
Live Oak trees, and there was a narrow clear shot through them roughly 40-45 degrees
East of magnetic North.

So, I am somewhat limited (yes I can aim all of 360 degrees, but was thinking the
large Live Oaks might attenuate), but some pre-shower planning skeds might help
make contact with another station vs just randomly illuminating in an arbitrary
direction.

If I had a clear shot in all of 360 degrees, I would probably aim toward a densely
populated area such as SoCal, or across LA, AL, GA, etc, or toward the North East
for areas such as New England, New York, etc.

> I am pointing up the east coast, so it is unlikely you and I will ever copy
> each other.

To add to your point, this means that we can "count each other out", which is
exactly the opposite of our collective goal! :) I realize all stations cannot
be participating with all others, but I like your idea of some sort of schedule
where at least a good number of stations are deliberately trying each other.

> Omni systems would cover all, I know, but from what I have read
> we really need the gain of the beam on 2. Is there a plan to change beam
> orientation as the shower progresses?

I'm game to try this with anyone out there.

73,
Mark N5YJP

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

115. [propnet] Re: W3MR received in EM93an

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Fri, 17 Nov 2000 13:32:50 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120183-2000.11.17-13.43.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Congrats!

What's the distance (roughly)?

Jerry Flanders wrote:
>
> YIPPEE! Caught my first callsign on the UI-View.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

116. [propnet] Re: W3MR received in EM93an

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 17 Nov 2000 15:09:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120186-2000.11.17-14.20.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W3MR FM18QX 477 miles at 04:31 AM EST 11/17

Some technical stuff I read yesterday on one of the METEORregistry's links
on the shower showed that some previous Leonids peaked around dawn, and
this "contact" is near dawn.

Incidentally, I am also 24/7 monitoring the 768 KW CW radar in TX with a
PCR-1000 and discone (216.979 MHz USB), but have not gotten any meteor
reflections of it yet. Only learned about it last night.

Jerry W4UK EM93AN

At 01:32 PM 11/17/00 -0600, you wrote:
>Congrats!

>
>What's the distance (roughly)?
>
>Jerry Flanders wrote:
>>
>> YIPPEE! Caught my first callsign on the UI-View.
>
>---
>You are currently subscribed to propnet as: jflanders2@home.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

117. [propnet] Re: W3MR received in EM93an

From: Charles S Osborne <csosborne@citcom.net>
Date: Fri, 17 Nov 2000 15:42:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120187-2000.11.17-14.53.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jerry,
Try 216.9896 MHz for the closer NAVSPUR transmitter in Alabama. I could
always get it from Atlanta. Could see the direct signal via DSP, and
airplane reflections moving +/- a couple hundred Hz around that freq.
Haven't tried since I moved to Rosman NC. Of course for meteor scatter the
Texas one is a pretty high probablity too.

The reason they always say meteor showers peak around dawn is that's when
the Earth is facing into its orbital direction of motion. The rotational and
orbital velocities are adding. In afternoon we're on back side of planet
protected by the far side of the Earth getting most of the meteors, and the
velocities are subtracting, taking some of the sizzle out of the meteor's
streak. Of course random meteors can infall anytime from other angles. But
its a head-on collision versus a rear end or side swipe collision that makes
the showers do their thing most effectively for us hams.

73,
Charles, K4CSO
EM85ne
----- Original Message -----
From: Jerry Flanders <jflanders2@home.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Friday, November 17, 2000 3:09 PM
Subject: [propnet] Re: W3MR received in EM93an

> W3MR FM18QX 477 miles at 04:31 AM EST 11/17
>
> Some technical stuff I read yesterday on one of the METEORregistry's links
> on the shower showed that some previous Leonids peaked around dawn, and
> this "contact" is near dawn.
>
> Incidentally, I am also 24/7 monitoring the 768 KW CW radar in TX with a
> PCR-1000 and discone (216.979 MHz USB), but have not gotten any meteor
> reflections of it yet. Only learned about it last night.
>
>
> Jerry W4UK EM93AN
>
>
> At 01:32 PM 11/17/00 -0600, you wrote:
> >Congrats!
> >
> >What's the distance (roughly)?
> >
> >Jerry Flanders wrote:
> >>
> >> YIPPEE! Caught my first callsign on the UI-View.
> >
> >---
> >You are currently subscribed to propnet as: jflanders2@home.com
> >To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >

>
>
> ---
> You are currently subscribed to propnet as: csosborne@citcom.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

118. [propnet] N8QLT Caught on MS!

From: "Evhen Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 17 Nov 2000 16:40:28 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120193-2000.11.17-15.52.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've got an icon from N8QLT (Michigan) on my 147.585-MHz computer this
morning. It came through at 1:58 am! It's just short of 300 miles.

Keep transmitting!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

119. [propnet] Reception Report - Lenoids

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Fri, 17 Nov 2000 16:2:56
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120200-2000.11.17-16.13.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W2EV (FN03XD) was received 09:37 EST 22 Nov 17
here in EM84pw, Pickens, SC. Distance between
our stations is 619 miles.
This is the 2nd shower in a row W2EV has shown
up on the screen here. Good going Ev....

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

120. [propnet] Re: W3MR received in EM93an

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 17 Nov 2000 17:20:30 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120203-2000.11.17-16.31.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:42 PM 11/17/00 -0500, Charles, K4CSO wrote:
>Jerry,
>Try 216.9896 MHz for the closer NAVSPUR transmitter in Alabama. I could
>always get it from Atlanta. Could see the direct signal via DSP, and
>airplane reflections moving +/- a couple hundred Hz around that freq.
>Haven't tried since I moved to Rosman NC.

SNIP

Thanks for the tip, Charles. I have retuned the PCR1000 to .9896 and will
monitor there for awhile. I didn't received anything that I was sure was
genuine from the TX station - maybe I will have better luck with this new one.

Jerry W4UK EM93an

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

121. [propnet] Great Circle Map

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 17 Nov 2000 17:16:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: nnrogerhedin@hotmail.com
Message-ID: <LYR1548-120204-2000.11.17-16.34.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TO: TAPR APRS PropNet Discussion Group
CC: Roger Hedin, SM3GSJ

Hi Guys

I needed a map this afternoon to plot where the 2M beacon activity is during these meteor showers. I did a web search and came up with a very neat map program written by sm3gsj.

Roger has the complete freeware package at his web site. It is the GCMWIN23.ZIP (complete package) file available from his main web page: http://hem.passagen.se/sm3gsj/

You can put its center at your home location, make it to any range you want, include grid square printing, state borders, etc, etc. A very nice windows package. Thanks, Roger.

Jerry W4UK

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

122. [propnet] Re: Anybody with any contacts yet?

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 17 Nov 2000 17:32:25 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120206-2000.11.17-16.43.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My beam was set to about 35 degrees for last night's run.

I am changing my beam direction to 330 (from EM93an - SC) for this evening's run. Don't know how wide the beam is, but I wouldn't be surprised if it covers from 300 to 360 or thereabouts, which will cover LOTS of you guys.

I plotted all active 2m stations ranging out to 1000 miles from me, and looks like I can cover all except the guys in south GA and FL with three beam headings. I will change to 270 degrees early in the morning for the final try.

Anybody have a rational plan to optimize beam pointing for the entire group? Maybe next year?

Jerry W4UK EM93AN

At 01:31 PM 11/17/00 -0600, Mark N5YJP wrote:
>Jerry, et al:
>
>Jerry Flanders wrote:
>> Along with the very sensible plan to alternate calling times per geographic
>> regions, I am surprised that we are not using a similar system for pointing
>> beams (or did I just miss reading about that?).
>
>This brings up what I, too, think is a very important point, at least for
some
>stations to experiment with. Currently, I have aimed my 10dB beam to "due
North East";SNIP
>

>> I am pointing up the east coast, so it is unlikely you and I will ever copy
>> each other.
>
>To add to your point, this means that we can "count each other out", which is

>exactly the opposite of our collective goal! :) I realize all stations cannot
>be participating with all others, but I like your idea of some sort of
schedule
>where at least a good number of stations are deliberately trying each other.
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

123. [propnet] Re: N8QLT Caught on MS!

From: "Rich Weinkauf" <RWeinkauf@msn.com>
Date: Fri, 17 Nov 2000 18:55:34 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120214-2000.11.17-18.06.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I've got an icon from N8QLT (Michigan) on my 147.585-MHz computer this
> morning. It came through at 1:58 am! It's just short of 300 miles.
> Ev, W2EV

AWRIGHT Ev!

I have been pinging and pinging here just northwest of Detroit, with no one showing up on my map. I'm running 180 watts to a 10dB beam which I alternate in direction about every two hours.

My beam directions have been (based on great circle calculations):
 91 deg   East Coast (NY, NJ, MA...)
125 deg Into the meteor radiant
161 deg Southeast (FL, SC, GA...)
236 deg Southwest (Central Texas)
271 deg (West to CA)

Around 0200 I give up and go to bed, usually leaving it pointing into the radiant. Around 1815 ET tonight I picked up an FM voice transmission on 147.585- just heard the guy say his callsign: KE8AO, then it was gone. QRZ shows him located in Princeton, WV, 348 miles from my location. Don't know if he still lives there or not.

I will be leaving this system in BeaconNet mode after the Leonids, operating 24/7 from this part of Michigan.

Rich

_____
Rich Weinkauf, N8QLT
HummerID: 97.5 Fly Yellow Wagon
1970 Kaiser-Jeep M35A2 MVPA #20486

Load Warrior M35 website:
http://homepages.msn.com/Terminus/loadwarrior
M35 Stuff website:
http://www.HighProfileVehicles.com
_____

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

124. [propnet] Re: Meteors

From: Wayne Colliander <wcolliander@earthlink.net>
Date: Fri, 17 Nov 2000 20:43:00 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120229-2000.11.17-22.51.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Terry,
What software are you using? What repeater do you use? I still am not getting any body's icons on my screen. (I do get icons if I go to APRS freq.) Funny, you receive only and I transmit only. Oh well maybe next year!

Wayne, KE6AJE

Terry Heatlie wrote:

> On Thursday 16 November 2000 19:55, you wrote:
> [...]
> > If any locals see me, please respond via e-mail.
>
> Hi Wayne,
>
> Receiving you load and clear here in Santa Clara.
> Unfortunately I haven't got my setup to transmit
> successfully yet, but I will at least be monitoring for
> meteor scatter during the Leonids.
>
> regards,
> Terry Heatlie, KV6M.
>
> ---
> You are currently subscribed to propnet as: wcolliander@earthlink.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

125. [propnet] UI-View problem

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Sat, 18 Nov 2000 05:33:32 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120230-2000.11.17-23.44.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am a novice with UI-View.

Earlier today, I fired it up and I received all the other 3 locals
that I can hear and they were all logged in the "Stations" list.

Later on, I checked back and it showed that the last time I heard them
still showed the time from early this morning.

I could see them every minute via the Terminal screen and yet no
update to the stations list.

As I was not sure what I might have goofed up, I uninstalled the
program and started over.

It appears that for some reason, even though my TNC is hearing these 3
other stations, and I can see their packets in the Terminal display,
they do not get logged.

Any clue what is going on ?

Thanks

Bob
Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

126. [propnet] W2EV received in EM93an

From: Jerry Flanders <jflanders2@home.com>
Date: Sat, 18 Nov 2000 00:38:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120231-2000.11.17-23.50.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W2EV FN03XD 695 miles at 00:04 11/18

YIPPEE AGAIN! Got two of you now.

So my receiver works. How about my transmitter?

Jerry W4UK

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

127. [propnet] W2EV received in EM64pt

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 18 Nov 2000 00:20:38 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120243-2000.11.18-00.35.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W2EV I see you in EM64pt.

Continuing to TX from Alabama...

The balloon is nearing launch from the Marshall Space Flight
Center soon carrying live ATV and APRS on 144.39 MHz for
tracking. Maybe they will catch a rock in the bucket!

73's,

Tim - N8DEU
Huntsville, Alabama

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

128. [propnet] Re: Reception Report - Lenoids

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Sat, 18 Nov 2000 0:35:21
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120244-2000.11.18-00.46.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That was on 147.585 mhz.

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129. [propnet] Re: UI-View problem

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 18 Nov 2000 09:27:06 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120249-2000.11.18-03.38.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-120230-2000.11.17-23.44.39--roger#peaksys.co.uk@lis
ts.tapr.org>, Bob Naumann - N5NJ <n5nj@gte.net> writes
>I am a novice with UI-View.
>
>Earlier today, I fired it up and I received all the other 3 locals
>that I can hear and they were all logged in the "Stations" list.
>
>Later on, I checked back and it showed that the last time I heard them
>still showed the time from early this morning.
>
>I could see them every minute via the Terminal screen and yet no
>update to the stations list.
>
>As I was not sure what I might have goofed up, I uninstalled the
>program and started over.
>
>It appears that for some reason, even though my TNC is hearing these 3
>other stations, and I can see their packets in the Terminal display,
>they do not get logged.

If you sent a sample of data from the Terminal window, I could almost
certainly immediately tell you what is going wrong.

Have you done something like swapping the TNC between UI-View and
WinAPRS or DOS APRS? If so, then you must let UI-View initialise the TNC
by either starting UI-View when it is connected to the TNC, or going
into Comms Setup and clicking 'Ok'.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

130. [propnet] Re: UI-View problem

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Sat, 18 Nov 2000 12:28:01 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120251-2000.11.18-06.39.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Roger,

Attached is a copy of the "terminal" save file.

I am using an old PK-87 TNC which does not have an MCOM command and I
think it gives me a "what?" response every time I do a OK in the comms
setup because of the MCOM ON in the TNC2.cmd file.

The results of doing this are at the end of the file.

There are 3 stations that I should be (and was) logging.

N5YJP who happens to be apparently off the air right now.
KC5ION who seems to be doing the meteor mode correctly.'
K5WO who is just doing the non-meteor mode.

Thanks for your help !

73,
Bob
Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Roger Barker" <roger@peaksys.co.uk>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, November 18, 2000 09:27
Subject: [propnet] Re: UI-View problem

> In article
<LYR18754-120230-2000.11.17-23.44.39--roger#peaksys.co.uk@lis
> ts.tapr.org>, Bob Naumann - N5NJ <n5nj@gte.net> writes
> >I am a novice with UI-View.
> >
> >Earlier today, I fired it up and I received all the other 3 locals
> >that I can hear and they were all logged in the "Stations" list.
> >
> >Later on, I checked back and it showed that the last time I heard
them
> >still showed the time from early this morning.
> >
> >I could see them every minute via the Terminal screen and yet no
> >update to the stations list.
> >
> >As I was not sure what I might have goofed up, I uninstalled the
> >program and started over.
> >
> >It appears that for some reason, even though my TNC is hearing
these 3
> >other stations, and I can see their packets in the Terminal
display,
> >they do not get logged.
>

> If you sent a sample of data from the Terminal window, I could
almost
> certainly immediately tell you what is going wrong.
>
> Have you done something like swapping the TNC between UI-View and
> WinAPRS or DOS APRS? If so, then you must let UI-View initialise the
TNC
> by either starting UI-View when it is connected to the TNC, or going
> into Comms Setup and clicking 'Ok'.
>
> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.packetradio.org.uk
> For WinPack go to - http://www.peaksys.co.uk
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>
[Attachment: 11181225.TXT; text/plain; 8,129 bytes]

131. [propnet] W4PU Snagged!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 18 Nov 2000 07:41:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120252-2000.11.18-06.49.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Georgia to New York is around 1220 km! Not bad for FM, huh?
:o) Keep transmitting and logging your RX's here, folks!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

132. [propnet] Re: UI-View problem

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 18 Nov 2000 13:00:17 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120254-2000.11.18-07.12.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-120251-2000.11.18-06.39.06--roger#peaksys.co.uk@lis
ts.tapr.org>, Bob Naumann - N5NJ <n5nj@gte.net> writes
>
>I am using an old PK-87 TNC which does not have an MCOM command and I
>think it gives me a "what?" response every time I do a OK in the comms
>setup because of the MCOM ON in the TNC2.cmd file.

>KC5ION*>CQ147:
>[EM12NV] BEACON@dougfree.com

Your problem is that frames decoded by the PK-87 aren't showing any
frame type information in the header. UI-View needs that information,
because it applies a top level filter of ignoring all frames except UI
frames.

TNC2.CMD obviously isn't appropriate for the PK-87. I have no experience
of that TNC (even PK-88s are pretty rare over here!), but if it's
anything like other AEA/Timewave TNCs, then you should select PK-232 in
the "Command file" list in "Comms Setup". (AEA/Timewave TNC firmware
combines the MON and MCOM commands into a single MON command, "MON 6" is
usually a good starting point, and that is what the PK-232 command file
sends.)

If all else fails, go into "Miscellaneous Setup" and select "Relaxed
frame type check".

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

133. [propnet] Re: UI-View problem

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Sat, 18 Nov 2000 13:15:43 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120259-2000.11.18-07.26.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Roger,
You hit on the correct parameter !

I set MON 6 and I immediately heard (in your voice?)

K5WO

and a moment later

KC5ION

I'm back in business ! Thanks!

The PK-87 is one of the first commercially available TNC-2 units. I
think mine may be one of the first ones AEA made - serial number 101.

The command set is slightly different, but can be configured to do
almost anything.

73,
Bob

P.S. I just registered the program.
Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Roger Barker" <roger@peaksys.co.uk>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, November 18, 2000 13:00
Subject: [propnet] Re: UI-View problem

> In article
<LYR18754-120251-2000.11.18-06.39.06--roger#peaksys.co.uk@lis
> ts.tapr.org>, Bob Naumann - N5NJ <n5nj@gte.net> writes
> >
> >I am using an old PK-87 TNC which does not have an MCOM command and
I
> >think it gives me a "what?" response every time I do a OK in the
comms
> >setup because of the MCOM ON in the TNC2.cmd file.
>
> >KC5ION*>CQ147:
> >[EM12NV] BEACON@dougfree.com
>
> Your problem is that frames decoded by the PK-87 aren't showing any
> frame type information in the header. UI-View needs that
information,
> because it applies a top level filter of ignoring all frames except
UI
> frames.
>
> TNC2.CMD obviously isn't appropriate for the PK-87. I have no
experience
> of that TNC (even PK-88s are pretty rare over here!), but if it's
> anything like other AEA/Timewave TNCs, then you should select PK-232
in
> the "Command file" list in "Comms Setup". (AEA/Timewave TNC firmware
> combines the MON and MCOM commands into a single MON command, "MON
6" is
> usually a good starting point, and that is what the PK-232 command
file
> sends.)
>
> If all else fails, go into "Miscellaneous Setup" and select "Relaxed
> frame type check".
>

> --
> Roger Barker, G4IDE - roger@peaksys.co.uk
> For UI-View go to - http://www.packetradio.org.uk
> For WinPack go to - http://www.peaksys.co.uk
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

134. [propnet] Overlay File

From: Mark Herson <mherson@intac.com>
Date: Sat, 18 Nov 2000 14:12:40 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120261-2000.11.18-08.25.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For anyone interested in where the participants for the Leonids MS are
located, I've attached LEONIDS.POS, an overlay file formatted for
UI-View. Locations in the file are based on the grid square as registerd
in the BeacoNET registry page.

73, Mark, N2MH
[Attachment: LEONIDS.POS; application/x-unknown-content-type-pos_auto_file; 3,511 bytes]

135. [propnet] W4PU received in EM93an - 2M

From: Jerry Flanders <jflanders2@home.com>
Date: Sat, 18 Nov 2000 09:50:43 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120263-2000.11.18-09.01.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W4PU EM82TO 70 miles 11/18 01:45AM EST

Got three of you now on 2m.

At only 70 miles (but off the back of the beam) should I count W4PU as a
meteor reflection or direct? I never received ANY locals direct running
reception tests 24/7 several days prior to the shower.

Jerry W4UK

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136. [propnet] Squelch setting in meteor mode?

From: Jerry Flanders <jflanders2@home.com>
Date: Sat, 18 Nov 2000 10:10:06 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120265-2000.11.18-09.21.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If I open the squelch here, the KAM+ will not transmit, so I know I am in
the conventional packet mode, but something I read on BEACONet web page
suggested that in meteor mode, I should be able to transmit even when my
FT-847 receiver squelch is "busy" (so that nearby participants don't keep
me silenced).

Is there a setting in UI-View that sets the KAM+ properly that I might have
missed? I set up following the UI-View setup instructions on the BEACONet
page, rather than the UI-View "Help" instructions.

Jerry W4UK

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

137. [propnet] Spotted: W3UD [DM29cq]

From: "Geoffroey-Allen S. Franklin" <gasf@atdial.net>
Date: Sat, 18 Nov 2000 15:06:59 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120296-2000.11.18-14.18.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got one!

Nov18 @ 0004 - W3UD [FM29cq] (610.1mi)

Station here is a KPC3(5.2) - TMV7A @50w - 3ele 2/440 cushcraft yagi @ 40'agl.
btw, I'm in GDSQ: [EM73wv]

-Geoffroey-Allen S. Franklin
KE4IGD
10x: 70681
MagicCode v0.92 :MO/PA:S+:W:C:N+:PCE++++:Ds/d+/r:a++:C-:

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

138. [propnet] FW: Your station heard here!!!!

From: "Jeffrey A. Duley" <duley@enteract.com>
Date: Sat, 18 Nov 2000 14:19:17 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120298-2000.11.18-14.37.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

AT Nov 17 03:19 EST I received you beacon on 147.585 Mhz!!!Approx
750-800mi away!! Amazing!! What are you using for equipment?
Here running 50w to Vertical in Wallingford, CT FN31nl

73- Keep beaconing, it works!,
Tim WY1U

Tim Mik WY1U
wy1u@arrl.net

hi tim
I am using a icom 746 100w with a iosopole 40 feet. wow it works!
i have been using the ui view software running on a old 486 laptop. i
myself haven't received anything here on my end with the exception of a
local station 5 miles away.tnx for the report

jeff duley ka9mm@arrl.net

139. [propnet] Stations heard so far from CT

From: Tim Mik <wy1u@arrl.net>
Date: Sat, 18 Nov 2000 16:27:19 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120303-2000.11.18-15.38.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/html

So far here's my list.....(Besides a couple email "complaints'
about my interfering with a "husband/wife simplex" frequency?
hmmmm...Sounds like FRS to me?? Also email telling me that my
deviation is way out! Checked w/ commercial grade IFR and it was 4 khz. I
even adj'd it down to 3.5 khz. Oh well, always someone complaining! 73,
Tim WY1U

Just rec'd via email-

From: Tim Mik
[mailto:wy1u@ <mailto:wy1u@arrl.net>arrl.net <mailto:wy1u@arrl.net>]

Sent: Friday, November 17, 2000 11:08 AM

To: ka9mam@arrl.net

Subject: Your station heard here!!!!

AT Nov 17 03:19 EST I received you beacon on 147.585 Mhz!!!Approx
750-800mi away!! Amazing!! What are you using for equipment?

        Here
running 50w to Vertical in Wallingford, CT FN31nl

                                  73-
Keep beaconing, it works!,

                                        Tim
WY1U

hi tim

I am using a icom 746 100w with a iosopole 40 feet. wow it works!

i have been using the ui view software running on a old 486 laptop. i
myself haven't received anything here on my end with the exception of a
local station 5 miles away.tnx for the report

ill email you back if i here from any other stations

2000-November-18 12:20 2 stations

Callsign   Type
Latitude   Longitude   Miles
Bearing Last Heard

--------   ----
--------   ---------   -----
------- ----------

 KG4EYO   Grid
Squ.
[EM73PR]
841.1   234   Nov 18 00:04

 KA9MAM   Grid
Squ.
[EN61CS]
771.3   276   Nov 17 03:19

Tim Mik WY1U

wy1u@arrl.net

_____NetZero Free Internet Access and Email_____
http://www.netzero.net/download/index.html

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140. [propnet] Re: Overlay File

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 18 Nov 2000 15:10:37 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120308-2000.11.18-16.40.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:12 PM 11/18/00 +0000, Mark Herson blasted the following out into the
ether:
>For anyone interested in where the participants for the Leonids MS are
>located, I've attached LEONIDS.POS, an overlay file formatted for
>UI-View. Locations in the file are based on the grid square as registerd
>in the BeacoNET registry page.
>
>73, Mark, N2MH

      Good job, Mark, thanks!

      As a next step, is there some way to show which of us are on 6

meters, and which are on 2? I'm on 6 ONLY for MS, but the icon (and
status) seem to be the same.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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141. [propnet] Re: Squelch setting in meteor mode?

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Sat, 18 Nov 2000 16:35:45 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120309-2000.11.18-16.45.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jerry--

Try FULLDUP, and set it to ON.

There is also a checkbox in UI_View under
'Setup', which opens a dialog box titled 'Comms Setup'.
Click the 'setup' button, whcih opens a dialog box titled
'Kiss setup'. From there, there is a 'parameters' area,
and a checkbox titled 'full dup'. Check it, and when you
close the dialog box, you are given a warning, but it
is this effect you are after, so the warning is moot.

I set mine in my TNC with FULLDUP ON, as well as the
checkbox setting described above.

Hope this helps,
Mark

Jerry Flanders wrote:
>
> If I open the squelch here, the KAM+ will not transmit, so I know I am in
> the conventional packet mode, but something I read on BEACONet web page
> suggested that in meteor mode, I should be able to transmit even when my
> FT-847 receiver squelch is "busy" (so that nearby participants don't keep
> me silenced).
>
> Is there a setting in UI-View that sets the KAM+ properly that I might have
> missed? I set up following the UI-View setup instructions on the BEACONet
> page, rather than the UI-View "Help" instructions.
>
> Jerry W4UK
>
> ---
> You are currently subscribed to propnet as: mark.waldron@bigfoot.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--

UNIX/NT Systems Engineer/Consulting
Web Site Construction & Maintenance
UNIX, MCSE, MCP+I

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

142. [propnet] Re: Squelch setting in meteor mode?

From: Jerry Flanders <jflanders2@home.com>
Date: Sat, 18 Nov 2000 21:52:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120330-2000.11.18-21.03.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks, Mark

I set FULLDUP ON in UI-View and also checked it with Hyperterminal, and I
now definitely have it ON. For some screwy reason, the KAM+ still refuses
to transmit when there is activity on the channel. I will have to look into
this a bit deeper when the Meteor smoke clears.

I am often having my transmission period delayed because I can hear another
station also transmitting in my time period. I have to set the squelch
higher to compensate, which makes it more difficult to hear weak signals.

Thanks for the help.

Jerry W4UK

At 04:35 PM 11/18/00 -0600, you wrote:
>Jerry--
>
>Try FULLDUP, and set it to ON.
>
>There is also a checkbox in UI_View under
>'Setup', which opens a dialog box titled 'Comms Setup'.
>Click the 'setup' button, whcih opens a dialog box titled
>'Kiss setup'. From there, there is a 'parameters' area,
>and a checkbox titled 'full dup'. Check it, and when you
>close the dialog box, you are given a warning, but it
>is this effect you are after, so the warning is moot.
>
>I set mine in my TNC with FULLDUP ON, as well as the
>checkbox setting described above.
>
>Hope this helps,
>Mark
>
>Jerry Flanders wrote:
>>
>> If I open the squelch here, the KAM+ will not transmit, so I know I am in
>> the conventional packet mode, but something I read on BEACONet web page
>> suggested that in meteor mode, I should be able to transmit even when my
>> FT-847 receiver squelch is "busy" (so that nearby participants don't keep
>> me silenced).
>>
>> Is there a setting in UI-View that sets the KAM+ properly that I might have
>> missed? I set up following the UI-View setup instructions on the BEACONet
>> page, rather than the UI-View "Help" instructions.
>>
>> Jerry W4UK
>>
>> ---

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

143. [propnet] Re: Overlay File

From: Mark Herson <mherson@intac.com>
Date: Sat, 18 Nov 2000 23:39:04 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120337-2000.11.18-21.36.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,

Glad you liked it!

To answer your question, yes, I could certainly make two files, one for
six meters and one for two. However, this was a real quick and dirty and
all I did was to put all 62 entries (as of Saturday morning) into the
file and post it. Along the way, I had to research a method of how to go
from grid squares to lat/lon and figure out the format differences
between an APRS overlay file and a UI-View overlay file.

73, Mark, N2MH

Earl Needham wrote:
>
>   Good job, Mark, thanks!
>

>   As a next step, is there some way to show which of us are on 6
> meters, and which are on 2? I'm on 6 ONLY for MS, but the icon (and
> status) seem to be the same.
>
>   7 3
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

144. [propnet] Re: Overlay File

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 18 Nov 2000 20:30:20 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120339-2000.11.18-21.42.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:39 PM 11/18/00 +0000, Mark Herson blasted the following out into the
ether:
>Hi Earl,
>
>Glad you liked it!
>
>To answer your question, yes, I could certainly make two files, one for
>six meters and one for two.

      I was thinking more along the lines of having different icons for
each band. But I don't have any idea how to go about doing this with
UI-View...

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

145. [propnet] Re: Overlay File

From: Mark Herson <mherson@intac.com>
Date: Sun, 19 Nov 2000 03:52:53 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120342-2000.11.18-22.05.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,

Doing different icons based on band is just as easy as making separate
files for each band. Only problem is that if someone is on several
bands, one icon will overlay the other and you still won't see both...
And, since both icons are in the same file, if you unload that file, you
also unload both icons.

Earl Needham wrote:

>   I was thinking more along the lines of having different icons for
> each band. But I don't have any idea how to go about doing this with
> UI-View...
>
>   Earl

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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146. [propnet] Report from Camelback Mountain [FN21hb]

From: Mark Herson <mherson@intac.com>
Date: Sun, 19 Nov 2000 04:10:32 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: sugrue@att.com
Message-ID: <LYR1548-120348-2000.11.18-22.21.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Myself, Tim, WB2CMK, and his two sons, Tim and Alex finally arrived on
Camelback Mountain in northeast Pennsylvania [FN21hb] around 3 pm EST on
Saturday. We proceeded through the snow flurries to assemble his Diamond
X-510m antenna and had it up in the air by 3:30. Alas, we saw nothing on
the UI-View screen during our operation over the next hour.
(Unfortunately, the state park closed at sundown, so we had to leave
around 4:30.) However, we did hear one local station but could not
decode him. His signal was S7 but his audio was rough. I think he had
too much audio coming from his tnc into his radio. We were set to
transmit in MS mode on the minute for 15 seconds with an erp of
approximately 300 watts (50 watts x 8.3 dB antenna gain). Hopefully,
someone saw our packets.

I believe that had the audio been set correctly by the station that we
did hear, we would have had no problem with decoding him. I also think
that the excessive audio also hurt his chances of being decoded by
others. Setting the transmit audio from a tnc is a critical adjustment
and often is the reason why strong rf signals (let alone when they are
weak) are uncopyable when there is no other good explanation.

73, Mark, N2MH
Operator of N2MH-2 Rover

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

147. [propnet] Nothing heard

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 19 Nov 2000 06:56:15 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120399-2000.11.19-08.10.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nothing heard out here, but I'm only running on 6 meters.

      Is anybody else on 6, or am I alone this time?

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

148. [propnet] Re: Beam Headings

From: Mark Herson <mherson@intac.com>
Date: Sun, 19 Nov 2000 15:02:04 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120407-2000.11.19-09.12.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out the OH5IY site. He has a paper that talks about polarization
for MS.

http://www.sci.fi/~oh5iy

73, Mark, N2MH

"Ev Tupis (W2EV)" wrote:

> As for the issue of (cross)polarization...I've heard plenty
> of opinion that there is a significant polarization rotation
> that can take place through meteor trail refraction and that

> there is no (dis)advantage imposed by polarization
> issues...the arriving plane may have no polarization
> resemblence to the polarization in which it was launched.
> This would be an interesting extension to the experiment to
> try: a circularly polarized antenna....hmmmm. Now you have
> me thinking. :o)
>
> Best wishes on your efforts!
> Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

149. [propnet] Re: Nothing heard

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Sun, 19 Nov 2000 10:04:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120409-2000.11.19-09.15.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning Earl, I will run 6m if your going to be on today thru tomorrow
morning. Let me know and I will point the beam in your direction. I have a 5
el 6m beam up 70 foot, and I'm running 100 watts.

73 Jeff kb2wqm FM29pe

----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Sunday, November 19, 2000 8:56 AM
Subject: [propnet] Nothing heard

>
>   Nothing heard out here, but I'm only running on 6 meters.
>
>   Is anybody else on 6, or am I alone this time?
>
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: kb2wqm@dandy.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

150. [propnet] Re: Nothing heard

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Sun, 19 Nov 2000 10:54:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120416-2000.11.19-10.06.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
 i have been sending 100 watts from a 5-element beam towards you every 2
minutes using WinAPRS. i cannot seam to get 2 copies of UI-view running on
the same computer. maybe i need to register for the 32-bit version.

Respectively submitted,

Wm Seffens

Where is Bill by GPS location using HAM radio on 144.390 MHz: Try
www.findu.com/cgi-bin/find.cgi?kg4eyo
HAM station KG4EYO on Atlanta map: www.wa4dsy.net/aprs/ga-atl.html

----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Sunday, November 19, 2000 8:56 AM
Subject: [propnet] Nothing heard

>
>   Nothing heard out here, but I'm only running on 6 meters.
>
>   Is anybody else on 6, or am I alone this time?
>
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: seffens@netzero.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

151. [propnet] Re: Nothing heard

From: Roger Barker <roger@peaksys.co.uk>
Date: Sun, 19 Nov 2000 16:37:09 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120421-2000.11.19-10.48.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-120416-2000.11.19-10.06.50--roger#peaksys.co.uk@lis
ts.tapr.org>, Wm Seffens <wseffens@mediaone.net> writes
>Hi,
> i have been sending 100 watts from a 5-element beam towards you every 2
>minutes using WinAPRS. i cannot seam to get 2 copies of UI-view running on
>the same computer. maybe i need to register for the 32-bit version.

You can change the EXE file name of one copy. If you've already
configured the program, you'll also need to rename the INI file or it
will create a new one and you'll have to configure it again. Or you can
add " /MULTI" to the command line in the program icon for both copies.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

152. [propnet] Re: Nothing heard

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 19 Nov 2000 09:42:06 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120424-2000.11.19-11.13.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:04 AM 11/19/00 -0500, Jeff Griffin blasted the following out into the
ether:
>Good morning Earl, I will run 6m if your going to be on today thru tomorrow
>morning. Let me know and I will point the beam in your direction. I have a 5
>el 6m beam up 70 foot, and I'm running 100 watts.
>
>73 Jeff kb2wqm FM29pe

At 10:54 AM 11/19/00 -0500, Wm Seffens blasted the following out into the
ether:

>Hi,
> i have been sending 100 watts from a 5-element beam towards you every 2
>minutes using WinAPRS. i cannot seam to get 2 copies of UI-view running on
>the same computer. maybe i need to register for the 32-bit version.
>
>Respectively submitted,
>
>Wm Seffens

      Thanks, guys. I run 53.530 24/7, and have been doing so for
months. I'd appreciate anybody who can try and point my way.

      I tried to run the amp here, but I found that my power supply isn't
quite strong enough, so I'm limited to 10 watts out. But I can LISTEN
really well...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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153. [propnet] FN41NP...all quiet

From: "Tim Smith" <n1btq@ne.mediaone.net>
Date: Sun, 19 Nov 2000 12:26:05 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120427-2000.11.19-11.36.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All quiet in FN41NP.   Hearing perodically a short burst down in the noise
on 53.53 at exactly 17 seconds after the minute...not good enough for
decoding.

73,

Tim N1TI

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

154. [propnet] Re: Nothing heard

From: "Jeff Griffin" <kb2wqm@dandy.net>
Date: Sun, 19 Nov 2000 12:52:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120429-2000.11.19-12.03.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You got it Earl, I'm pointing 267 degrees running 15 sec burst mode, 100
watts on 53.53....

73 Jeff kb2wqm FM29pe

----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Sunday, November 19, 2000 11:42 AM
Subject: [propnet] Re: Nothing heard

> At 10:04 AM 11/19/00 -0500, Jeff Griffin blasted the following out into
the
> ether:
> >Good morning Earl, I will run 6m if your going to be on today thru
tomorrow
> >morning. Let me know and I will point the beam in your direction. I have
a 5
> >el 6m beam up 70 foot, and I'm running 100 watts.
> >

> >73 Jeff kb2wqm FM29pe
>
> At 10:54 AM 11/19/00 -0500, Wm Seffens blasted the following out into the
> ether:
> >Hi,
> > i have been sending 100 watts from a 5-element beam towards you every 2
> >minutes using WinAPRS. i cannot seam to get 2 copies of UI-view running
on
> >the same computer. maybe i need to register for the 32-bit version.
> >
> >Respectively submitted,
> >
> >Wm Seffens
>
>   Thanks, guys. I run 53.530 24/7, and have been doing so for
> months. I'd appreciate anybody who can try and point my way.
>
>   I tried to run the amp here, but I found that my power supply isn't
> quite strong enough, so I'm limited to 10 watts out. But I can LISTEN
> really well...
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: kb2wqm@dandy.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

155. [propnet] Re: Nothing heard

From: "Wayne Ackerman" <wwackerm@teleplex.net>
Date: Sun, 19 Nov 2000 16:07:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120436-2000.11.19-15.51.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl:

I've alternated days between two and six, with 80 watts to a vertical with
3.3 dbi gain on six. I haven't heard anything on six either.

Wayne W3GYK EM85vf Western North Carolina

----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Sunday, November 19, 2000 8:56 AM
Subject: [propnet] Nothing heard

>
>   Nothing heard out here, but I'm only running on 6 meters.
>
>   Is anybody else on 6, or am I alone this time?
>
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: wwackerm@teleplex.net

> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

156. [propnet] MS Copy

From: "Greg Walls" <gwalls@surfsouth.com>
Date: Sun, 19 Nov 2000 17:47:44 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120442-2000.11.19-16.58.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was able to copy one good packet. On November 18, 2000 at 00:03 EST I
copied;

00:03:53R W2EV>CQ147 <UI C Len=14>: [FN03XD] evman.

W3EV is 846 miles from me. I am in grid EM81EQ.

Because I am in the process of installing new antennas on my tower, my
antenna system is very, very modest right now!

My stat consist of;
Rig = Kenwood TS-790A (no amp)
Antenna = Station Master Vertical mounted at 6 feet!

I am sure that no one heard me with this very modest setup. However, I was
thrilled to see W3EV's icon on my screen on Saturday morning!!!

73
Greg W4GHW

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

157. [propnet] Re: MS Copy

From: Jerry Flanders <jflanders2@home.com>
Date: Sun, 19 Nov 2000 18:04:45 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120445-2000.11.19-17.16.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looks like we both copied W2EV on the same burn. My clock was a few seconds
off, and I recorded the time as 00:04: I reported it earlier:

W2EV FN03XD 695 miles at 00:04 11/18

I wonder how often does this happen- that one meteor gives multiple packet
receptions?

Jerry W4UK EM93AN South Carolina

At 05:47 PM 11/19/00 -0500, you wrote:
>I was able to copy one good packet. On November 18, 2000 at 00:03 EST I
>copied;
>
>00:03:53R W2EV>CQ147 <UI C Len=14>: [FN03XD] evman.
>
>W3EV is 846 miles from me. I am in grid EM81EQ.
>
>Because I am in the process of installing new antennas on my tower, my
>antenna system is very, very modest right now!
>
>My stat consist of;
>Rig = Kenwood TS-790A (no amp)
>Antenna = Station Master Vertical mounted at 6 feet!
>
>I am sure that no one heard me with this very modest setup. However, I was
>thrilled to see W3EV's icon on my screen on Saturday morning!!!
>
>73
>Greg W4GHW

>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

158. [propnet] Re: MS Copy

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 19 Nov 2000 17:04:26 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120446-2000.11.19-18.18.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:04 PM 11/19/00 -0500, Jerry Flanders blasted the following out into
the ether:
>Looks like we both copied W2EV on the same burn. My clock was a few seconds
>off, and I recorded the time as 00:04: I reported it earlier:
>
>W2EV FN03XD 695 miles at 00:04 11/18
>
>I wonder how often does this happen- that one meteor gives multiple packet
>receptions?

      I bet it's NEVER happened before. We've only tried this for
what? Two years now?

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

159. [propnet] Leonids 2000

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 19 Nov 2000 22:04:23 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120459-2000.11.19-22.15.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The following packets were received on 18-NOV from
Huntsville, AL [EM64pt] in two separate burns beaming
toward the Northeast:

180615 W2EV>CQ147:[FN03^D] evman@ix.netcom.com

180248 W2EV>CQ147:[FN03XD] evman@ix.netcom.com
180248 72EV>CQ147`:[FN03XD] evman@ix.netcom.com

The time stamp represents "ddhhmm", where dd is the day,
hh is the hour, and mm is the minute representing UTC time.

I have received no reports that my signal was captured at this
point, but I certainly burned some electricity trying.

APRSdos was used on this end in the Meteor Scatter mode
during the event.

THE BIGGEST PROBLEM on my end was a DX Packet Cluster
located 80 miles to the north of my location with strong signals.
By Saturday night I was getting clobbered by many packets
from that network. The band opened an the problem got worse.
I suspect the Packet Cluster users up in Tennessee are pretty
disgusted with me cramming 15 seconds of continuous packet
data on their system every minute. In fact, one of them connected
to my station and effectively shut it down since it would no longer
transmit while another station was directly connected to it. When I
noticed what happened I was a little irritated, but I got my thinking
cap out and updated the parameters in my TNC as follows to

prevent it from happening again during the event:

CTEXT PropNet Leonids Meteor Shower Study in Progress.
CMSG ON
CMSGD ON

These settings are valid for Paccomm version 5.0 firmware and
I placed above commands in my Initxxx.tnc file for APRSdos.
Now, if somebody decides to send a connect request to my TNC
they will get the CTEXT string and get disconnected quickly. The
problem was solved and quickly ended the problem. My station
was back to normal 15 second beaconing operation.

Of course I also added the following commands in my RESTORE.TNC
file to disable the previous commands when I exited APRSdos.

CMSG OFF
CMSGD OFF

Until the next Meteor event I will start studying what all this means to
increase my odds next time.

73's,

Tim - N8DEU
Huntsville, Alabama
EM64pt

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

160. [propnet] Re: Leonids 2000

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 19 Nov 2000 22:22:54 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120462-2000.11.19-22.33.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This message corrects the time on the last 2 packets
as reported earlier. They were received at 0848z instead
of 0248z on 18-NOV-00 as earlier posted.

180615 W2EV>CQ147:[FN03^D] evman@ix.netcom.com

 180848 W2EV>CQ147:[FN03XD] evman@ix.netcom.com
180848 72EV>CQ147`:[FN03XD] evman@ix.netcom.com

----- Original Message -----
From: "Tim Cunningham" <tim_cunningham@mindspring.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Sunday, November 19, 2000 10:04 PM
Subject: [propnet] Leonids 2000

>
> The following packets were received on 18-NOV from
> Huntsville, AL [EM64pt] in two separate burns beaming
> toward the Northeast:
>
> 180615 W2EV>CQ147:[FN03^D] evman@ix.netcom.com
>
> 180248 W2EV>CQ147:[FN03XD] evman@ix.netcom.com
> 180248 72EV>CQ147`:[FN03XD] evman@ix.netcom.com
>
>
> The time stamp represents "ddhhmm", where dd is the day,
> hh is the hour, and mm is the minute representing UTC time.
>

> I have received no reports that my signal was captured at this
> point, but I certainly burned some electricity trying.
>
> APRSdos was used on this end in the Meteor Scatter mode
> during the event.
>
> THE BIGGEST PROBLEM on my end was a DX Packet Cluster
> located 80 miles to the north of my location with strong signals.
> By Saturday night I was getting clobbered by many packets
> from that network. The band opened an the problem got worse.
> I suspect the Packet Cluster users up in Tennessee are pretty
> disgusted with me cramming 15 seconds of continuous packet
> data on their system every minute. In fact, one of them connected
> to my station and effectively shut it down since it would no longer
> transmit while another station was directly connected to it. When I
> noticed what happened I was a little irritated, but I got my thinking
> cap out and updated the parameters in my TNC as follows to
> prevent it from happening again during the event:
>
> CTEXT PropNet Leonids Meteor Shower Study in Progress.
> CMSG ON
> CMSGD ON
>
> These settings are valid for Paccomm version 5.0 firmware and
> I placed above commands in my Initxxx.tnc file for APRSdos.
> Now, if somebody decides to send a connect request to my TNC
> they will get the CTEXT string and get disconnected quickly. The
> problem was solved and quickly ended the problem. My station
> was back to normal 15 second beaconing operation.
>
> Of course I also added the following commands in my RESTORE.TNC
> file to disable the previous commands when I exited APRSdos.
>
> CMSG OFF
> CMSGD OFF
>
>
> Until the next Meteor event I will start studying what all this means to
> increase my odds next time.
>
>
>
>
> 73's,
>
> Tim - N8DEU
> Huntsville, Alabama
> EM64pt
>
>
>
> ---
> You are currently subscribed to propnet as: tim_cunningham@mindspring.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

161. [propnet] Re: propnet digest: November 19, 2000

From: GSteve490@aol.com
Date: Mon, 20 Nov 2000 03:21:33 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120485-2000.11.20-02.32.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 11/20/00 0:54:57 AM EST, propnet@lists.tapr.org writes:

> me cramming 15 seconds of continuous packet
> data on their system every minute. In fact, one of them connected
> to my station and effectively shut it down since it would no longer
> transmit while another station was directly connected to it. When I
> noticed what happened I was a little irritated, but I got my thinking
> cap out and
wait a sec, if any of that packet xaction occured, wouldn't a rock enhance
it, and shower down upon us all? well?
enuff is enuff is........

HAIL
AO-40!!!

!!!!!!
still beaconin',
[FN23AD]

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

162. [propnet] Re: W4PU received in EM93an - 2M

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 07:12:21 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120501-2000.11.20-07.47.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jerry,
It looks like W4PU is a meteor backscatter contact for sure
(especially if you can't hear it normally). Would you mind
sending me a screen-capture? I'd enjoy posting it to the
website.

Ev, W2EV

Jerry Flanders wrote:
>
> W4PU EM82TO 70 miles 11/18 01:45AM EST
>
> Got three of you now on 2m.
>
> At only 70 miles (but off the back of the beam) should I count W4PU as a
> meteor reflection or direct? I never received ANY locals direct running
> reception tests 24/7 several days prior to the shower.
>
> Jerry W4UK
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

163. [propnet] Re: Squelch setting in meteor mode?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 07:18:09 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120503-2000.11.20-07.50.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jerry,
Sorry so late in reply...but for the future (although I'll
be on for one more night myself), the KAM has a couple of
settings for this, but *only* if the KAM has the
"enhancement board" in it. The command is "CD SOFTWARE".
It allows open squelch operation because the carrier detect
is done through software in the TNC and not by the
transceivers' squelch. Type that command from within
HyperTerminal prior to launching UI-View and open the
squelch on your transceiver.

Additionally, there is a command called FULLDUPLEX ON. That
will allow for you to transmit even if there is local
channel activity. This is invoked from within UI-View (take
a look at the "Level-II" instructions on the website for
more info.

Best wishes in your (and our) efforts!
Ev, W2EV

Jerry Flanders wrote:
>

> If I open the squelch here, the KAM+ will not transmit, so I know I am in
> the conventional packet mode, but something I read on BEACONet web page
> suggested that in meteor mode, I should be able to transmit even when my
> FT-847 receiver squelch is "busy" (so that nearby participants don't keep
> me silenced).
>
> Is there a setting in UI-View that sets the KAM+ properly that I might have
> missed? I set up following the UI-View setup instructions on the BEACONet
> page, rather than the UI-View "Help" instructions.
>
> Jerry W4UK
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

164. [propnet] Re: Overlay File

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 08:30:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120506-2000.11.20-07.51.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Guys,
Nice work, Mark! Excellent comments, Earl!

I've always thought that band-designation ought to determine
icon appearance, too. Unfortunately, not being an author my
ideas are at the mercy of the developers.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

165. [propnet] Leonids 2000 Screen Shots

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 08:00:16 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120508-2000.11.20-07.52.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks!
I'm particularly interested in seeing screenshots from
anyone who has more than one DX reception. If you have
three or more icons on your screen (you and two-or-more
others) and are willing to allow me to publish for all to
see, then please send me a screen shot. Instructions are
below:

* open UI-View to see the screen
* open the Stations list (it's on the menu bar) and
  move it to an unoccupied area of your screen
* press the Km/Miles button (to display DX in km)
* press your computers' <PrtScreen> key
* open an eMail to me
* Ctrl-v (to paste it)
* you'll be prompted as to the resolution (hi,med,low)
* select medium
* send the eMail

Thanks!
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

166. [propnet] WinAPRS Users NOTE!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 08:46:19 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120509-2000.11.20-07.56.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If nothing has appeared on your screen, don't dispair!
Check your Stations Heard list. You may have caught a few
and not realized it.

I'd gone through significant amount of effort to try to get
WinAPRS users to use UI-View because of a bug in the WinAPRS
program. It doesn't decode CQ### frames correctly
(according to the APRSpec). As a result, it won't display
anything to your screen, even though it may show up in your
station list.

FYI,
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

167. [propnet] Re: MS Copy

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 08:58:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120510-2000.11.20-08.06.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
> >Looks like we both copied W2EV on the same
> >burn. My clock was a few seconds off, and
> >I recorded the time as 00:04: I reported
> >it earlier:
> >
> >W2EV FN03XD 695 miles at 00:04 11/18
> >
> >I wonder how often does this happen- that
> >one meteor gives multiple packet receptions?

Interesting! I don't recall ever having this happen (or at
least documented so well) before. I doubt we've has as many
participants in the past as we've had this year -- which
gives us a better chance of this happening. It's all about
numbers, in BEACONet-land. :o) V-e-r-y cool!

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

168. [propnet] Re: W4PU received in EM93an - 2M

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Mon, 20 Nov 2000 08:08:56 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120512-2000.11.20-08.20.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev,

Here in the South, we had some wide temperature changes
that enhanced the 2 meter band activity. In fact, I heard
stations that I do not hear all the time, but I discounted the
occurrence as related to the wide temperature changes we
experienced or I could report loads of stations received
beyond a 70 mile range and they too were received off the
back and side of my beam.

On the other hand, how do you differentiate a meteor contact
from band conditions or from an Airplane reflection when
stations are less than 500-600 miles apart?

Tim - N8DEU

Huntsville, AL

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Monday, November 20, 2000 6:12 AM
Subject: [propnet] Re: W4PU received in EM93an - 2M

> Hi Jerry,
> It looks like W4PU is a meteor backscatter contact for sure
> (especially if you can't hear it normally). Would you mind
> sending me a screen-capture? I'd enjoy posting it to the
> website.
>
> Ev, W2EV
>
>
> Jerry Flanders wrote:
> >
> > W4PU EM82TO 70 miles 11/18 01:45AM EST
> >
> > Got three of you now on 2m.
> >
> > At only 70 miles (but off the back of the beam) should I count W4PU as a
> > meteor reflection or direct? I never received ANY locals direct running
> > reception tests 24/7 several days prior to the shower.
> >
> > Jerry W4UK
> >
> > ---
> > You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>
>
> ---
> You are currently subscribed to propnet as: tim_cunningham@mindspring.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

169. [propnet] Re: Leonids 2000 Screen Shots

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 20 Nov 2000 10:00:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120522-2000.11.20-09.11.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any tips for those of us whose UI-View computer is not the one on the
internet? I tried a few tricks and so far have been unable to get a screen
copy file onto a floppy to transfer to the internet computer.

Alternately, which file from the UI-View computer can I move to this
computer to regenerate the screen onto a second copy of UI-View running on
the internet computer?

Jerry W4UK

At 08:00 AM 11/20/00 -0500, you wrote:
>Hi Folks!
>I'm particularly interested in seeing screenshots from
>anyone who has more than one DX reception. If you have
>three or more icons on your screen (you and two-or-more
>others) and are willing to allow me to publish for all to
>see, then please send me a screen shot. Instructions are
>below:
>
>* open UI-View to see the screen
>* open the Stations list (it's on the menu bar) and
> move it to an unoccupied area of your screen
>* press the Km/Miles button (to display DX in km)

>* press your computers' <PrtScreen> key
>* open an eMail to me
>* Ctrl-v (to paste it)
>* you'll be prompted as to the resolution (hi,med,low)
>* select medium
>* send the eMail
>
>Thanks!
>Ev, W2EV
>
>
>
>---
>You are currently subscribed to propnet as: jflanders2@home.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

170. [propnet] Re: WinAPRS Users NOTE!

From: Earl Needham <kd5xb@amsat.org>
Date: Mon, 20 Nov 2000 09:04:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120531-2000.11.20-10.16.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>If nothing has appeared on your screen, don't dispair!
>Check your Stations Heard list. You may have caught a few
>and not realized it.

        I do that every morning when I get up, every afternoon when I
get home form work, and every night before I go to bed...<G>

>I'd gone through significant amount of effort to try to get
>WinAPRS users to use UI-View because of a bug in the WinAPRS
>program. It doesn't decode CQ### frames correctly
>(according to the APRSpec). As a result, it won't display
>anything to your screen, even though it may show up in your
>station list.

        R R

        tnx es 7 3
        Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a
breath, you breathe...)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

171. [propnet] Re: Leonids 2000 Screen Shots

From: Roger Barker <roger@peaksys.co.uk>
Date: Mon, 20 Nov 2000 16:12:25 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120533-2000.11.20-10.25.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-120522-2000.11.20-09.11.50--roger#peaksys.co.uk@lis
ts.tapr.org>, Jerry Flanders <jflanders2@home.com> writes
>Any tips for those of us whose UI-View computer is not the one on the
>internet? I tried a few tricks and so far have been unable to get a screen
>copy file onto a floppy to transfer to the internet computer.

1. With the focus on UI-View, press Alt+PrintScreen to copy an image of
the UI-View window to the clipboard. (That's a Windows command not a
UI-View command. PrintScreen copies an image of the whole screen to the
clipboard, Alt+PrintScreen copies an image of the window with the
current focus.)

2. Open Paint.

3. Select Paste from the Edit menu to paste the UI-View image into your
picture in Paint.

4. Save it on a floppy.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

172. [propnet] Meteor -or- Tropo -or- ?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 16:20:44 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120589-2000.11.20-15.41.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim Cunningham wrote:
> Here in the South, we had some wide temperature
> changes that enhanced the 2 meter band activity.
> In fact, I heard stations that I do not hear all
> the time, but I discounted the occurrence as
> related to the wide temperature changes we
> experienced or I could report loads of stations
> received beyond a 70 mile range and they too were
> received off the back and side of my beam.
>
> On the other hand, how do you differentiate a
> meteor contact from band conditions or from an
> Airplane reflection when stations are less than
> 500-600 miles apart?

Excellent issue, Tim. At best, it is still a value
judgement on the part of the receiving station, but a good
rule of thumb is that if you get a TON of receptions from
one station, it is probably something other than a meteor
burst.

Example: I transmit around 80 frames in a 15-second
MeteorMode slot. If the band is enhanced, then I'd expect
that others may get a good 10-minutes (or more) of
transmissions from me. That equates to 800 receptions. I'd
say that is tropo (or Es). :o)

Then again...it could be an overdense meteor, too. That's
what makes BEACONet so cool. We get to explore the
invisible ether-world with eyes that others don't have. I
love it! :o))

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

173. [propnet] KG4EYO->FN03xd at 1,195 km

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 16:34:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120590-2000.11.20-15.42.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I awoke this morning with another icon (a total of three
snags so far!) on my screen. This one hit at 6:06:50 am
eastern time.

I will remain active until tomorrow morning (tuesday am) if
anyone else is still around.

Ev, W2EV
FN03xd

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

174. [propnet] Re: KG4EYO->FN03xd at 1,195 km

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Mon, 20 Nov 2000 15:39:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120594-2000.11.20-15.50.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I awoke this morning with another icon (a total of three
> snags so far!) on my screen. This one hit at 6:06:50 am
> eastern time.
>
> I will remain active until tomorrow morning (tuesday am) if
> anyone else is still around.

I shut down on Sunday since there was not much being posted
her on the SIG, but if there are still people out there listening
I will fire up again tonight.

Tim - N8DEU

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

175. [propnet] Re: Meteor -or- Tropo -or- ?

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Mon, 20 Nov 2000 15:47:10 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120596-2000.11.20-15.57.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > On the other hand, how do you differentiate a
> > meteor contact from band conditions or from an
> > Airplane reflection when stations are less than
> > 500-600 miles apart?
>
> Excellent issue, Tim. At best, it is still a value
> judgement on the part of the receiving station, but a good
> rule of thumb is that if you get a TON of receptions from
> one station, it is probably something other than a meteor
> burst.

Another item of intersest may be signals bouncing off of
the MIR space station or some other large spacecraft that
is in orbit. I just read a post on the amsat-bb that reminded
of hearing signals bouncing of the MIR space station.
With the ISS growing in size, there is another possibility.

Hey, how about an experiment in bouncing signals off of
MIR or ISS when they are in range or at least make the
correlation.

> Example: I transmit around 80 frames in a 15-second
> MeteorMode slot. If the band is enhanced, then I'd expect
> that others may get a good 10-minutes (or more) of
> transmissions from me. That equates to 800 receptions. I'd
> say that is tropo (or Es). :o)
>
> Then again...it could be an overdense meteor, too. That's
> what makes BEACONet so cool. We get to explore the
> invisible ether-world with eyes that others don't have. I
> love it! :o))

Yes, it is exciting with all the possible ways a signal can be
refracted back to earth. It certainly adds more variables in the
equation as to how a signal makes it way back to us.

73's,

Tim - N8DEU

Huntsville, Alabama

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

176. [propnet] Re: Stations heard so far from CT

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 17:25:29 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120605-2000.11.20-16.34.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim,
Were these receptions by you or stations that reported
hearing you? I'm in the process of tabulating results.

btw...well done, either way!

Ev, W2EV

> 2000-November-18 12:20 2 stations
> ---------------------------------
> Callsign   Type   Latitude   Longitude   Miles
> Bearing Last Heard
> --------   ----   --------   ---------   -----
> ------- ----------
> KG4EYO   Grid Squ.   [EM73PR]   841.1
> 234   Nov 18 00:04
> KA9MAM   Grid Squ.   [EN61CS]   771.3
> 276   Nov 17 03:19
>
>
> Tim Mik WY1U
> wy1u@arrl.net _____NetZero Free Internet Access and
> Email______ http://www.netzero.net/download/index.html ---
> You are currently subscribed to propnet as:
> PROPNET@GREECENY.COM To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

177. [propnet] I'll be on until 0700 EST 11/21

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Mon, 20 Nov 2000 18:08:06 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120613-2000.11.20-17.19.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In case anyone is still trying, I'll have my station in Meteor Mode until
tomorrow morning at 0700 EST, beam pointed 161 degrees, from EN82HL
northwest of Detroit. Then after tomorrow it's into BeaconNet mode,
probably set to about 90 degrees.

Rich
_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
HummerID 97.5 Fly Yellow Wagon
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

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178. [propnet] One More Night!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 19:07:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120621-2000.11.20-18.16.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm going to be on MeteorMode for one more night. Join me
if you can! Due to TVI, I'm active from 11:00 pm until 9:00
am.

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

179. [propnet] Higher Frequency?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 19:11:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120622-2000.11.20-18.20.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi everyone...
...I'm thinking about pushing the envelope a bit. How about
MeteorMode on 70cm? I can generate about 150 watts to an 8
element vertical beam. According to several coordinating
organizations, there are several potential frequencies to
try: 441.050, 441.100 seem to pop out.

Any initial thoughts? We've got some time before the next
meteor event, but I thought I'd open the discussions now.
What say?

Ev, W2EV

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180. [propnet] Re: I'll be on until 0700 EST 11/21

From: RickfordG@aol.com
Date: Mon, 20 Nov 2000 19:25:40 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120625-2000.11.20-18.38.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

I am a newbie to packet scatter. I am in meteor mode running UI-View V2.32.
Antenna is a Diamond at 90 feet. Power out is 90 watts. I will let the rig
run tonight sense some of you all are still trying. I would like to chat with
local ham about Packet scatter.

TNX
Rich WD4RBX Townville, SC.
NR Anderson SC EM84

181. [propnet] Leonids Initial Recap On-Line!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 20 Nov 2000 19:28:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120626-2000.11.20-18.39.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've done my best to integrate all of the reports posted to
the remailer, and included a few reports that came to me
directly.

((By the way...if you received any reports directly, please
let me know...I'd like to include them in this report))

A v-e-r-y interesting thing happened at around 0004 eastern
time on the 18th. Take a gander for yourself at:
http://go.to/BEACONet and take the hyperlink for "Working
Proof". The recap is found there, in text format.

Keep those reports coming!
Ev, W2EV

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182. [propnet] Re: Higher Frequency?

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Mon, 20 Nov 2000 18:42:00 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120630-2000.11.20-18.51.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev--

I am capable of participating on 70cm.

I can put 50 watts into a 10dB 5 el rotatable beam.
I might also have an amplifier soon, as well.

My grid square is EM12PU, so that would be quite a feat
if we saw one another, but just keep in mind you can count
my station in for this part of the country.

Thanks,
Mark N5YJP

"Ev Tupis (W2EV)" wrote:
>
> Hi everyone...
> ...I'm thinking about pushing the envelope a bit. How about
> MeteorMode on 70cm? I can generate about 150 watts to an 8

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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183. [propnet] Re: W4PU received in EM93an - 2M

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 20 Nov 2000 17:53:27 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120637-2000.11.20-19.16.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:08 AM 11/20/00 -0600, Tim Cunningham blasted the following out into
the ether:
><snip>
>On the other hand, how do you differentiate a meteor contact
>from band conditions or from an Airplane reflection when
>stations are less than 500-600 miles apart?

      Although I think you're correct, it would be VERY difficult to know
the difference, I'm not at all sure it matters.

      You see, I'm interested in seeing DX on 2
meters. MS? Tropo? Airplane scatter? Doesn't matter to me. At this
point, anyway...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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184. [propnet] Re: Leonids Initial Recap On-Line!

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 20 Nov 2000 22:16:25 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120651-2000.11.20-21.26.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A third of all reports happened from that one 00:04 event.Wonder where all
those contact paths intersect? Anybody plot it? If we knew the
intersection, we could search for news reports of sightings there.

It must have been a sight to behold from below!

Jerry W4UK

At 07:28 PM 11/20/00 -0500, you wrote:
>I've done my best to integrate all of the reports posted to
>the remailer, and included a few reports that came to me
>directly.
>
>((By the way...if you received any reports directly, please
>let me know...I'd like to include them in this report))
>
>A v-e-r-y interesting thing happened at around 0004 eastern
>time on the 18th. Take a gander for yourself at:
>http://go.to/BEACONet and take the hyperlink for "Working
>Proof". The recap is found there, in text format.
>
>Keep those reports coming!
>Ev, W2EV
>
>-

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185. [propnet] Re: I'll be on until 0700 EST 11/21

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 20 Nov 2000 22:40:26 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120655-2000.11.20-21.51.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Band? I am on 147.585 with 55 watts pointing my small beam straight at you
from EM93AN. Duck!
I will shut it all down tomorrow morning.

Jerry W4UK

At 06:08 PM 11/20/00 -0500, you wrote:
>In case anyone is still trying, I'll have my station in Meteor Mode until
>tomorrow morning at 0700 EST, beam pointed 161 degrees, from EN82HL
>northwest of Detroit. Then after tomorrow it's into BeaconNet mode,
>probably set to about 90 degrees.
>
>Rich
>_____________________________________
>Rich Weinkauf, N8QLT

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186. [propnet] Intersection of the simultaneous 11/18 00:04 contact paths.

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 20 Nov 2000 23:45:44 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120665-2000.11.20-22.56.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I answered my own question - all 5 contact paths intersect within about 37
miles of a point at N35deg 57.6', W81deg 17.4' (about 5 miles NWN of
Taylorsville, NC, or about 16 miles due north of Hickory, NC).

Jerry W4UK

At 10:16 PM 11/20/00 -0500, you wrote:
>A third of all reports happened from that one 00:04 event.Wonder where all
>those contact paths intersect? Anybody plot it? If we knew the
>intersection, we could search for news reports of sightings there.
>
>It must have been a sight to behold from below!

>
>Jerry W4UK
>
>
>At 07:28 PM 11/20/00 -0500, you wrote:

>>
>>A v-e-r-y interesting thing happened at around 0004 eastern
>>time on the 18th. Take a gander for yourself at:
>>http://go.to/BEACONet and take the hyperlink for "Working
>>Proof". The recap is found there, in text format.
>>
>>Keep those reports coming!
>>Ev, W2EV
>>
>>-

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187. [propnet] KV6M leonids report

From: Terry Heatlie <wtph@nortius.org>
Date: Mon, 20 Nov 2000 21:00:55 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120669-2000.11.20-23.12.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi folks,

KV6M here with news of my Leonids experience. Executive summary: too little,
too late. But I'll be ready for the Geminids... If Linux doesn't interest
you, you should probably skip the rest of this email :-)

Gory details: I guess I like to do things the hard way. It all started when
I couldn't bring myself to fork over $150 for a KPC3+. It seemed like such
a lot of money for a single-purpose non-upgradable device. So I spent the
hunnerdfifty bucks on a junker PC instead. 120 MHz Pentium with 64 meg
of RAM, ethernet, video and a classic SoundBlaster card. My plan was to
load Linux and use the soundmodem kernel support to get AX25 going,
then use Xastir as client software.

In the end it took a couple of days to get Linux installed to my
satisfaction, and I ended up putting in a SCSI CD-ROM, hard drive and
controller (all from our extensive PC junk box). The main problem was that
the CD in the machine was not 100% functional, so I retried the installation
a couple of times before putting in the SCSI one. I threw the disk in just
because I had to put the controller in for the CD-ROM, and you can never have
too much disk space.

Once Linux was up, I had to get AX25 going. Call me dense if you like, but I
couldn't figure out exactly how to get the kernel-based soundmodem support
to work. Fortunately, I'd heard about a user-land soundmodem implementation
when I was at Pacificon. For more information, see
http://radio.linux.org.au/pkgdetail.phtml?sectpat=All&ordpat=&descpat=&pkgid=242
This worked first time, hurrah. I could now see packets coming in from
the radio just using the soundcard.

Next, I started Xastir.
http://radio.linux.org.au/pkgdetail.phtml?sectpat=All&ordpat=&descpat=&pkgid=187I
I configured an AX25 socket interface, which refused to initialise itself.
Darn. Oh well, its failing with EPERM, lets try running it as root. Good,
that works. Figure out why later. Tuned the radio to 144.390, icons started
popping up on the screen. So that was working. The only small problem was
that Xastir had no support for GR##ID format packets, nor any meteor mode.
Good job it is open source :-) Started working on adding support. Sadly, it
was past the peak of the shower by the time I got to this point.

Anyway, the current state of the project is this: Hardware complete,
AX25 layer complete, Xastir hacked up to receive and plot GR##ID.
Still to do: make Xastir *send* GR##ID, and add meteor mode.
Incidentally, I'll be sending my changes to the Xastir maintainer, so
hopefully they'll show up in some later release of the program.

So there you have it. I spent many hours on this, and didn't receive
any packets except from less than 10 miles away, but I had fun.
At the end of the day, that's what it is all about.

Regards,
Terry Heatlie, KV6M.

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188. [propnet] Other freq's...

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 20 Nov 2000 17:56:05 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120692-2000.11.21-00.45.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:11 PM 11/20/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
>Hi everyone...
>...I'm thinking about pushing the envelope a bit. How about
>MeteorMode on 70cm?

      Unable to do so here, but, just to remind everyone, I'm on 53.53
24/7, all the time. For months & months, now...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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189. [propnet] Re: Intersection of the simultaneous 11/18 00:04 contact paths.

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 21 Nov 2000 04:40:30 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120707-2000.11.21-03.58.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jerry Flanders wrote:
> >A third of all reports happened from that
> >one 00:04 event.Wonder where all those
> >contact paths intersect? Anybody plot it?
> >If we knew the intersection, we could search
> >for news reports of sightings there.
>
> I answered my own question - all 5 contact
> paths intersect within about 37 miles of a
> point at N35deg 57.6', W81deg 17.4' (about 5
> miles NWN of Taylorsville, NC, or about 16
> miles due north of Hickory, NC).

Isn't this fascinating stuff? This is the kind of data that
no other Amateur service can provide. When the (star)dust
settles a bit, I'll do-up a map depicting this event and
post it to the website.

This is a v-e-r-y cool use of packet technology, no? :o)

Ev, W2EV

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190. [propnet] Re: KV6M leonids report

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 21 Nov 2000 04:44:36 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120708-2000.11.21-03.58.47--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Terry Heatlie wrote:
> KV6M here with news of my Leonids experience.
> Executive summary: too little, too late. But
> I'll be ready for the Geminids... If Linux
> doesn't interest you, you should probably skip
> the rest of this email :-)
>
> Gory details: I guess I like to do things the
> hard way.
. . .
> So there you have it. I spent many hours on
> this, and didn't receive any packets except from
> less than 10 miles away, but I had fun.
> At the end of the day, that's what it is all about.

Ain't it the truth! And along the way...Terry started the
ball rolling with yet another software title (xastir) that
will eventually support BEACONet's MeteorMode. Well done!

Ev, W2EV

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191. [propnet] Re: Other freq's...

From: sixersixer@att.net
Date: Tue, 21 Nov 2000 21:11:27 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120786-2000.11.21-15.22.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FROM KE4WBO EL96VW S. FLA. ,70CM? WHY NOT ! I'VE BEEN ON
53.53 PINGING AWAY USING LEVEL 1 ,THIS EXPERIMENT
PROMPTED ME TO GET MY PACKET SYSTEM SQUARED AWAY. HEARD
PLENTY OF [YAWN] E-SKIP AND BEACONS INTO EM GRIDS NO
PINGS RECORDED THOUGH, BUT STILL FUN I'LL BE READY FOR
THE GEMINIDS ARSK DE KE4WBO '73
> At 07:11 PM 11/20/00 -0500, Ev Tupis (W2EV) blasted the following out into
> the ether:
> >Hi everyone...
> >...I'm thinking about pushing the envelope a bit. How about
> >MeteorMode on 70cm?
>
>   Unable to do so here, but, just to remind everyone, I'm on 53.53
> 24/7, all the time. For months & months, now...
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: ke4wbo@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

192. [propnet] Screen Capture

From: "Greg Walls" <gwalls@surfsouth.com>
Date: Tue, 21 Nov 2000 21:04:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-120829-2000.11.21-20.16.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a copy of my UI-View screen from November 18, 2000 00:03.

W2EV is 846 Miles from me at 20 Degrees.

00:03:53R W2EV>CQ147 <UI C Len=14>:
[FN03XD] Evan

I captures this with a vertical mounted 6 feet off the ground!!

I sure hope that I can have my new antennas on the tower before the next
shower!

73
W4GHW
Greg
[Attachment: W4GHW.jpg; image/jpeg; 94,073 bytes]

193. [propnet] Re: Other freq's...

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Wed, 22 Nov 2000 12:10:27 -0800 (PST)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121028-2000.11.22-14.22.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- sixersixer@att.net wrote:
> FROM KE4WBO EL96VW S. FLA. ,70CM? WHY NOT ! I'VE BEEN ON
> 53.53 PINGING AWAY USING LEVEL 1 ,THIS EXPERIMENT
> PROMPTED ME TO GET MY PACKET SYSTEM SQUARED AWAY. HEARD

I'm having fun recording the APRS "dx" on 30 meters and I'm looking
forward to adding 10 meters with a newly salvaged KAM. As cool
as the "magic band" is, it's nice to be able to count packets per DAY
instead of per month or per year...

Did anybody compare the times on the leonid packets copied to
the charted meteor counts?

Bill

Yesterday's 30 meter DX...

```
11210204 DX de WA7NWP-10>  698.0 mi     KI0BJ   097 dg frm WA7NWP-10
       10.151 LSB
11210217 DX de WA7NWP-10>  707.1 mi     W6OTH   178 dg frm WA7NWP-10
       10.151 LSB
11210221 DX de WA7NWP-10> 1646.4 mi      K7PW   118 dg frm WA7NWP-10
       10.151 LSB
11210315 DX de WA7NWP-10> 1692.6 mi      K9GD   090 dg frm WA7NWP-10
       10.151 LSB
11210524 DX de WA7NWP-10> 1419.7 mi      N0AN   095 dg frm WA7NWP-10
       10.151 LSB
11210625 DX de WA7NWP-10> 1692.6 mi      K9GD   090 dg frm WA7NWP-10
       10.151 LSB
11210845 DX de WA7NWP-10> 1646.4 mi      K7PW   118 dg frm WA7NWP-10
       10.151 LSB
11211314 DX de WA7NWP-10> 1692.6 mi      K9GD   090 dg frm WA7NWP-10
       10.151 LSB
11211533 DX de WA7NWP-10>  766.3 mi     N6TBQ   178 dg frm WA7NWP-10
       10.151 LSB
11211737 DX de WA7NWP-10>  707.1 mi     W6OTH   178 dg frm WA7NWP-10
       10.151 LSB
11211943 DX de WA7NWP-10>  151.8 mi    WD9HNZ   194 dg frm WA7NWP-10
       10.151 LSB
11212035 DX de WA7NWP-10>  698.0 mi     KI0BJ   097 dg frm WA7NWP-10
       10.151 LSB
11212150 DX de WA7NWP-10>  151.8 mi    WD9HNZ   194 dg frm WA7NWP-10
       10.151 LSB
11212210 DX de WA7NWP-10>  707.1 mi     W6OTH   178 dg frm WA7NWP-10
       10.151 LSB
11212301 DX de WA7NWP-10> 1419.7 mi      N0AN   095 dg frm WA7NWP-10
       10.151 LSB
11212345 DX de WA7NWP-10> 1692.6 mi      K9GD   090 dg frm WA7NWP-10
       10.151 LSB
```

_____
Do You Yahoo!?

Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

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194. [propnet] Re: Higher Frequency?

From: Mark Herson <mherson@intac.com>
Date: Wed, 22 Nov 2000 22:50:04 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121058-2000.11.22-17.03.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Instead of higher frequency, how about higher speed - 9600? Individual
packets would be 1/8 the size at 1200 enabling shorter burns to reflect
packets or existing length burns to reflect more packets.

73, Mark, N2MH

"Ev Tupis (W2EV)" wrote:
>
> Hi everyone...
> ...I'm thinking about pushing the envelope a bit. How about
> MeteorMode on 70cm?

[snip]

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

195. [propnet] Re: Higher Frequency?

From: Tim Baggett <tim@oasis.com>
Date: Wed, 22 Nov 2000 17:10:02 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121060-2000.11.22-17.19.53--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The lurker speaks....

Yes, I've actually been on here for a year, spying on everyone :-)

You have a good idea, Mark, and thinking in the right direction I believe.
Of course, I'm biased as I too was thinking of this a few days ago.

The issue I saw with doing MS using 9600 bps is that although it would be
shorter, it would be MUCH more susceptible to errors caused by phase
distortions. Once can probably play some games in using equalizers to detect
and cancel the effects of phase distortions, but with the packets being so
short I don't think there would be enough time to train the equalization
filter.

I don't recall who it was, but someone suggested recording the audio
received during a MS event with the hopes of using digital signal
post-processing to extract packets that otherwise would have been missed. I
think this was a great idea. Whoever it was, did you actually do this??

Great list and good research folks. Ev, great job on heading this up. I
think you guys have some excellent opportunity to expand our understanding
of meteor prop. Perhaps someday I'll activly join in.

73,
Tim
Austin, TX

Mark Herson wrote:
> Instead of higher frequency, how about higher speed - 9600? Individual
> packets would be 1/8 the size at 1200 enabling shorter burns to reflect
> packets or existing length burns to reflect more packets.

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196. [propnet] 70 cm

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Wed, 22 Nov 2000 19:16:15

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121072-2000.11.22-19.27.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sure, would be anxious to try the 400 mhz band
for MS. The path loss would present more
challenges than we have seen on 147 mhz but who
knows what we may find.
There are several potential projects we in the
Propnet Group could experiment with. The latest
QST has an interesting article on bouncing
signals off airplanes. Most evenings I see a
string of planes going Northeast to Southwest
heading towards Atlanta that might make good
reflectors. Anyone interested ??
Who is going to be the first to suggest some
experimenting with EME on 2 meters ? With some
good antennas and moderate power it might be
possible... Because packet data may present
special problems due to libration fading we may
need to experiment with other modes such as PSK.
Many of us are already using multimode rigs
capable of such operation.
This has been fun.
Doug
KJ4X
EM84pw

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

197. [propnet] Re: 70 cm

From: RickfordG@aol.com
Date: Wed, 22 Nov 2000 21:45:49 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121121-2000.11.22-20.57.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 11/22/2000 8:20:34 PM Eastern Standard Time, kj4x@arrl.net
writes:

> . Most evenings I see a
> string of planes going Northeast to Southwest
> heading towards Atlanta that might make good
> reflectors. Anyone interested ??
>

Sure, Lets talk.
Rich WD4RBX
EM84NN
Townville, SC

198. [propnet] Re: Intersection of the simultaneous 11/18 00:04 contact paths.

From: Jerry Flanders <jflanders2@home.com>
Date: Wed, 22 Nov 2000 22:33:45 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121144-2000.11.22-21.43.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev, a quick and dirty map study shows that when your 00:04 packets were
copied down south, the presumed reflection point was about 550 miles from
your station.

Anybody know how high that reflection point would have to be in order to
account for the earth's curvature?

How high does the usual meteor burn occur?

Jerry W4UK

At 04:40 AM 11/21/00 -0500, you wrote:
>Jerry Flanders wrote:
>> >A third of all reports happened from that
>> >one 00:04 event.Wonder where all those
>> >contact paths intersect? Anybody plot it?
>> >If we knew the intersection, we could search
>> >for news reports of sightings there.

>>
>> I answered my own question - all 5 contact
>> paths intersect within about 37 miles of a
>> point at N35deg 57.6', W81deg 17.4' (about 5
>> miles NWN of Taylorsville, NC, or about 16
>> miles due north of Hickory, NC).
>
>Isn't this fascinating stuff? This is the kind of data that
>no other Amateur service can provide. When the (star)dust
>settles a bit, I'll do-up a map depicting this event and
>post it to the website.
>
>This is a v-e-r-y cool use of packet technology, no? :o)
>
>Ev, W2EV
>
>

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199. [propnet] Re: 70 cm

From: Jerry Flanders <jflanders2@home.com>
Date: Wed, 22 Nov 2000 22:57:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121145-2000.11.22-22.08.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can work with you guys from EM93an with my FT-847 and oscar pack circular
polarized antennas. I will be fixing the elevation rotor as soon as it
warms up here and will be able to aim it skyward when that would be useful.

CC me when you make a plan.

Jerry W4UK North Augusta, SC

At 09:45 PM 11/22/00 EST, you wrote:
>In a message dated 11/22/2000 8:20:34 PM Eastern Standard Time,
kj4x@arrl.net
>writes:
>
>
> Most evenings I see a
>string of planes going Northeast to Southwest
>heading towards Atlanta that might make good
> Anyone interested ??
>
>
>
>Sure, Lets talk.
>Rich WD4RBX
>EM84NN
>Townville, SC

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200. [propnet] Leonid's Results

From: "The LeMoine Family" <dlem@greenvillenc.com>
Date: Thu, 23 Nov 2000 08:36:46 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121206-2000.11.23-07.51.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nothing heard between 11/18 and 11/21 from E. North Carolina [FM15hn]. Oh
well....wait 'till next time. Happy Thanksgiving to all.
73, Dave KV4CN

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201. [propnet] Re: Higher Frequency?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 23 Nov 2000 09:27:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121214-2000.11.23-08.39.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim did a pretty good synopsis of the down-side to using
9600 baud. In addition to the things he noted, 9600-baud
requires a 4x the power to get the same level of
throughput. Additionally, given the short size of a
BEACONet packet, there is actually more time consumed by a
transceivers' RX-to-TX transfer and subsequent PLL lock than
is worthwhile for our purposes. The actual reduction in
transmit time is on the order of 20% by the time that is
factored in. Hardly makes 9600 baud worth the effort. :o)
Ev, W2EV

Mark Herson wrote:
>
> Instead of higher frequency, how about higher speed - 9600? Individual
> packets would be 1/8 the size at 1200 enabling shorter burns to reflect
> packets or existing length burns to reflect more packets.
>
> 73, Mark, N2MH
>
> "Ev Tupis (W2EV)" wrote:
> >
> > Hi everyone...
> > ...I'm thinking about pushing the envelope a bit. How about
> > MeteorMode on 70cm?
>
> [snip]
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
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202. [propnet] Hey...how about 223-MHz?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 23 Nov 2000 09:28:54 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121215-2000.11.23-08.41.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Duh...
Would anyone be interested in trying a BEACONet meteor
attempt on 223-MHz? I've got to surf the Internet for some
band plans, but this seems like quite a do-able thing. I've
got 10-elements and 220-watts.

Off to surf!
Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

203. [propnet] Re: 9600 baud

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Thu, 23 Nov 2000 09:33:36 -0800 (PST)
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121251-2000.11.23-11.45.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- "Ev Tupis (W2EV)" <propnet@greeceny.com> wrote:
> Tim did a pretty good synopsis of the down-side to using
> 9600 baud. In addition to the things he noted, 9600-baud
> requires a 4x the power to get the same level of
> throughput.

4 times the power? Explain please. I'd always heard that

the AFSK used for convention packet was actually worse
then the modulation used for 9k6 buad.

> Additionally, given the short size of a
> BEACONet packet, there is actually more time consumed by a
> transceivers' RX-to-TX transfer and subsequent PLL lock than
> is worthwhile for our purposes.

That's assuming the same yucky (technical term) radios are
used. GOOD 9k6 radios have TXD in the range of 20 milliseconds which
is MUCH better then the 200 to 500 milliseconds required by most
radios we use for 1200 baud.

Most of the radio's listed as being useable at 9600 baud aren't.

>

TXD shouldn't be an issue anyway. Don't folks key up and then
send multiple data packets at one time? Thus there would be one
TXD at the started followed by short packets with no TXD..

I'm not suggesting 9600 is good, just throwing out some ideas.

>

Fascinating article on using very high speed CW to make contacts
off the "cosmic dust" that's constantly bombarding the earth. See
the November 2000 QST. That works any day - but best in the
mornings.. The equipment being used there sounds very similar
to what folks are putting up for propnet stations.

73, (and Happy Thanksgiving)
Bill - WA7NWP

The actual reduction in
> transmit time is on the order of 20% by the time that is
> factored in. Hardly makes 9600 baud worth the effort. :o)
> Ev, W2EV

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

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204. [propnet] Re: Hey...how about 223-MHz?

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Thu, 23 Nov 2000 16:28:28 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121267-2000.11.23-15.41.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

and MFJ has a data transceiver for that band, crystaled at 223.700 Mhz for
$149.95 (MFJ-8631)

Respectively submitted,

Wm Seffens

Where is Bill by GPS location using HAM radio on 144.390 MHz: Try
www.findu.com/cgi-bin/find.cgi?kg4eyo
HAM station KG4EYO on Atlanta map: www.wa4dsy.net/aprs/ga-atl.html

----- Original Message -----
From: Ev Tupis (W2EV) <propnet@greeceny.com>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Thursday, November 23, 2000 9:28 AM
Subject: [propnet] Hey...how about 223-MHz?

> Duh...

> Would anyone be interested in trying a BEACONet meteor
> attempt on 223-MHz? I've got to surf the Internet for some
> band plans, but this seems like quite a do-able thing. I've
> got 10-elements and 220-watts.
>
> Off to surf!
> Ev, W2EV
>

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205. [propnet] 135cm BEACONet Freq 4 Meteor Scatter

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 23 Nov 2000 18:38:12 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121270-2000.11.23-17.50.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I've been poking around a bit on the Internet, and
came across a few frequency coordinating council's bandplans
for the 222-MHz band. Here's what I've found is coordinated
on 135cm for digital/packet:

```
Freq ----------Organization----------
223
.520 ARRL         TMARC
.540 ARRL         TMARC SHARKK SCRRBA
.560 ARRL         TMARC SHARKK SCRRBA
.580 ARRL         TMARC SHARKK SCRRBA
.600 ARRL         TMARC SHARKK SCRRBA
.620 ARRL         TMARC SHARKK SCRRBA
.640 ARRL         TMARC SHARKK SCRRBA
.660         SERA TMARC SHARKK SCRRBA
.680         SERA TMARC SHARKK SCRRBA
.700         SERA TMARC SHARKK SCRRBA
.720 ARRL(1) SERA TMARC SHARKK    <- Potenital BEACONet?
.740 ARRL(1) SERA TMARC SHARKK    <- Potential BEACONet?
.760 ARRL(1) SERA TMARC           <- Potential BEACONet?
.780 ARRL(1) SERA TMARC           <- Potential BEACONet?
.800 ARRL(1)
.820 ARRL(1)
.840 ARRL(1)
.860

(1) ARRL Local Option
```

Given that I'm interested in spearheading the MS-thing on
135cm, and I live on the East Coast...and the best potential
audience for being on the "other end" of the circuit is
someone who lives in territory coordinated by the South East
Repeater Council (www.sera.org), my interest piques when I
see the ARRL bandplan (national) coincide with SERA's
bandplan (most of the Southeast USA).

I've noted four frequencies that seem to have good potential
for use as a BEACONet MS frequency. Now, for the
question...

Is there anyone interested in running meteors with me on
this band? If so...would you please set your
receiver/scanner/etc to 223.780 for a few days and see if it
is free in your area? If not free, then drop down 20-kHz
and try again, until you find a frequency that is unused in
your area. Then let me know. With any luck, we'll find a
commonly unused frequency between us.

Once we clear this hurdle, then it will be planning the
attempt. What say, pioneers?

Ev, W2EV
Ready for 223-MHz with 10-elements and 220-watts!

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206. [propnet] New MeteorMode Protocol Opportunity

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 25 Nov 2000 10:26:17 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121444-2000.11.25-15.13.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For the next meteor event, let's use the -SSID to denote
antenna orientation! Use the clock as your model, with 12
o'clock as "North". At a glance, the person(s) who receive
you can tell where your antenna is pointed! If you are
using an omni (or if you are constantly changing your
antennas direction and don't feel like changing your -SSID),
then leave -SSID unfilled (in effect, "-0").

This can provide valuable data! As a matter of fact, this
would be a good protocol to use even for "Standard Mode"
operation! If stations are pointed in the same direction,
then there is a good chance that the reception was via
"backscatter". If both pointed at each other, then probably
a traditional refraction, etc.

I've got an idea about embedding frequency, class (Hub,
Peer, Client), network functionality (Gate, IGate, etc.) and
power-level, too (while *not* increasing the packet size,
but still maintaining the ability for someone to read and
decode the packet visually!)...but I'll wait until the dust
settles on this proposal first. :o)

Ev, W2EV

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207. [propnet] Fwd: AstroAlert: Multiple Earth-Directed Coronal Mass Ejections Prompt Aurora Warning

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 25 Nov 2000 09:48:22 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121457-2000.11.25-16.46.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From: Cary Oler <oler@solar.spacew.com>
>Subject: AstroAlert: Multiple Earth-Directed Coronal Mass Ejections Prompt
>Aurora Warning
>To: sun-earth@skypub.com
>Date: Sat, 25 Nov 2000 06:00:41 -0700 (MST)
>X-Mailer: ELM [version 2.5 PL1]
>Sender: owner-sun-earth@skypub.com
>
>   A s t r o A l e r t
>   Sun-Earth Alert
>
>   Solar Terrestrial Dispatch
>   http://www.spacew.com
>
>   25 November 2000
>
>   A strong and developing complex sunspot group has produced multiple
>X-class solar flares over the last 36 hours - most of which appear to have
>also been associated with fairly high velocity Earth-directed coronal mass
>ejections. The first of these disturbances is expected to impact the Earth
>late on 25 November or early on 26 November (UTC time). For observers in
>North America, begin watching for activity as soon as the skies get dark
>enough on the evening of 25 November.
>
>   There are a sufficient number of disturbances enroute to provide ample
>opportunity for widespread observations of auroral activity throughout many
>middle (and possibly even some low) latitude regions over the next several
>days. Additional major X-class flares and Earth-directed coronal mass
>ejections are a high probability over the next 48 hours as the active
>sunspot region continues to evolve.

>
>   At last count, there are four suspected Earth-directed coronal mass
>ejections. More are distinctly possible over the next 24 to 48 hours.
>
>   A copy of the official auroral activity warning is included below:
>
>
>   /\
>
>   MIDDLE LATITUDE AURORAL ACTIVITY WARNING
>
>   ISSUED: 06:00 UTC, 25 NOVEMBER 2000
>
>   /\
>
>   *** POTENTIAL FOR HIGH ACTIVITY EXISTS ***
>
>VALID BEGINNING AT: 18:00 UTC ON 25 NOVEMBER (1 pm EST)
>VALID UNTIL: 19:00 UTC ON 29 NOVEMBER
>
>   HIGH RISK PERIOD: 26 - 28 NOVEMBER (UTC DAYS)
>MODERATE RISK PERIOD: 25 - 29 NOVEMBER
>
>PREDICTED ACTIVITY INDICES: 20, 70, 60, 40 (25 NOVEMBER - 28 NOVEMBER)
>
>POTENTIAL MAGNITUDE OF MIDDLE LATITUDE AURORAL ACTIVITY: HIGH
>
>POTENTIAL DURATION OF THIS ACTIVITY: MAIN BELT = MULTIPLE MAIN BELTS EXPECTED
>   MINOR BELT = MULTIPLE MINOR BELTS EXPCTED
>
>ESTIMATED OPTIMUM OBSERVING CONDITIONS: NEAR LOCAL MIDNIGHT
>
>EXPECTED LUNAR INTERFERENCE: NONE
>
>OVERALL OPPORTUNITY FOR OBSERVATIONS FROM MIDDLE LATITUDES: GOOD TO VERY GOOD
>
>AURORAL ACTIVITY *MAY* BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...
>
>   NORTHERN CALIFORNIA TO NORTHERN NEVADA TO UTAH TO NORTHERN COLORADO TO
>   KANSAS TO MISSOURI TO SOUTHERN ILLINOIS AND KENTUCKY TO NORTHERN NORTH
>   CAROLINA.
>
>
>ACTIVITY *MAY* ALSO BE OBSERVED APPROXIMATELY NORTH OF A LINE FROM...
>
>   FRANCE TO SOUTHERN GERMANY TO NORTHERN AUSTRIA TO SLOVAKIA TO NORTHERN
>   UKRAINE AND SOUTHERN BELARUS TO AREAS SOUTH OF MOSCOW AND CENTRAL RUSSIA.
>   NEW ZEALAND AND SOUTHERN REGIONS OF AUSTRALIA SHOULD ALSO SPOT PERIODS OF
>   ACTIVITY.
>
>
>SYNOPSIS...
>
>   * ALERT * ALERT * ALERT * ALERT * ALERT * ALERT * ALERT *
>
>   A potentially significant series of high velocity coronal mass ejections
>are headed toward the Earth. A developing complex sunspot group has been
>responsible for producing numerous major X-class solar flares over the last
>36 hours with associated Earth-directed coronal mass ejections.
>
>   The first CME is expected to impact the Earth during the late UTC hours
>of 25 November or early on 26 November (anytime after roughly 4 pm EST on 25
>November). With multiple high velocity disturbances enroute, the potential
>exists for periods of strong auroral storm activity that may become visible
>deep into the middle latitudes and possibly even into the low latitude
>regions.
>
>   Observations of this activity will be ideal given the dark moonless
>nights that will grace the skies. Observers are encouraged to begin watching
>as soon as the skies become dark - particularly on 26 and 27 November. There
>should be plenty of activity for everyone worldwide (in middle latitude
>zones) to witness.
>
>   The sunspot group that has produced this activity continues to remain
>very capable of producing additiona major M and X class solar flares, as well
>as further Earth-directed coronal mass ejections.
>
>   This warning will remain in effect until 19:00 UTC on 29 November. It
>will then be updated or allowed to expire.

>
>   WE HAVE A DISCUSSION FORUM FOR AURORA ENTHUSIASTS AVAILABLE AT:
>   http://www.spacew.com/aurora/forum.html
>
>
>   PLEASE REPORT OBSERVATIONS OF AURORAL ACTIVITY TO:
>   http://solar.spacew.com/www/auroras.html
>
>   * OR *
>
>   Use the STD AURORA MONITOR Software to monitor conditions and
>   report sightings. It is available at:
>   http://www.spacew.com/aurora
>
>
>** End of Warning **
>===
>AstroAlert is a free service of SKY & TELESCOPE magazine, 49 Bay
>State Rd., Cambridge, MA 02138, U.S.A. This e-mail was sent to
>AstroAlert subscribers. If you feel you received it in error, or
>to unsubscribe from AstroAlert, please see our unsubscribe form
>at http://www.skypub.com/news/astroalert/unsubscribe.html or send
>a plain-text e-mail to majordomo@skypub.com with the following
>line (and nothing else) in the body of the message:
>unsubscribe sun-earth e-mail@address.com
>replacing "e-mail@address.com" with your actual e-mail address.
>===

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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208. [propnet] 223.780 MHz

From: RickfordG@aol.com
Date: Sat, 25 Nov 2000 18:08:29 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121467-2000.11.25-17.20.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

I have been checking out 223,780 on and off for 2 days total time of about 24
HR. nothing heard here. I will be listening to said frequency again tomorrow
but, so far it looks like a go here.

I have to admit that I am running a GP. at 20 feet. I can also here Atlanta
repeaters about 60/70 miles away with the GP on there frequency of course.

220 is a good band for me. All I need to do is come up with a good antenna
and Ill be set. 110 watts out Kenwood TM-321A Xciver RFconcepts amp. If I
see some interest Ill cough up a beam.

Rich WD4RBX EM84NN
11 miles west of Anderson, SC.

209. [propnet] Re: 223.780 MHz

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 25 Nov 2000 22:20:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121494-2000.11.25-21.31.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Rich,
It looks like the geometry between us may be right. I'm happy to give
it a try, too. Give me a couple of days to get monitoring 223.780 and
let's see if we have a winner. :o)

Unfortunately, my excitement may have gotten ahead of me a bit. The
Leonids are known for fast meteors...meaning that they ionize more
densly, providing better opportunity to propagate higher frequencies.

The next shower up travels only half their speed (though the number of
rocks is comparable to the Leonids).

The next shower with good velocity won't happen until spring time. Even
so...nothing ventured, nothing gained. If you are willing to give it a
try...without being discouraged if we aren't successful this time...then
I'm willing to give it a try, too.

Let's keep this thread alive for a while.
Ev, W2EV

RickfordG@aol.com wrote:

> Hi All
>
> I have been checking out 223,780 on and off for 2 days total time of
> about 24
> HR. nothing heard here. I will be listening to said frequency again
> tomorrow
> but, so far it looks like a go here.
>
> I have to admit that I am running a GP. at 20 feet. I can also here
> Atlanta
> repeaters about 60/70 miles away with the GP on there frequency of
> course.
>
> 220 is a good band for me. All I need to do is come up with a good
> antenna
> and Ill be set. 110 watts out Kenwood TM-321A Xciver RFconcepts amp.
> If I
> see some interest Ill cough up a beam.
>
> Rich WD4RBX EM84NN
> 11 miles west of Anderson, SC.

210. [propnet] W3UD & W4PU, please

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 25 Nov 2000 22:23:33 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121495-2000.11.25-21.35.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need to document the following about your station (during the Leonids
event):

Antenna - # of elements
Power Output (not ERP, but just how many watts your station emitted)
Software Used (UI-View, APRSdos, etc.)

Help, please.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

211. [propnet] Interesting Event Documented

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 25 Nov 2000 22:26:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121496-2000.11.25-21.37.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The "whizzer" that occured on 11/18/00 at 0004 Eastern has been
re-created and illustrated on the BEACONet website. The approximate
midpoint of each successful path is noted by the path-distance label
(I've place the label at the path midpoint).

This may be the first documented occurance of a single meteor being
responsible for such widespread propagation! This stuff is so c-o-o-l,
isn't it? :o)

I've posted the illustrative recreation on the BEACONet website
(http://go.to/BEACONet) under the hyperlink for "Working Proof". It's
about 180k or so, but a very interesting read.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

212. [propnet] 223 mHz

From: "Douglas E Fagan" <kj4x@arrl.net>
Date: Sat, 25 Nov 2000 23:36:6
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121513-2000.11.25-23.46.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will be interested in trying out 223
mhz with you Ev. I say "will" because
I will need to build/buy a small beam
for that band. Doubt that the gain type
vertical I am using would be adequate.
Good RX here but low power and no amp
but could listen.
Doug
KJ4X
EM84pw

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

213. [propnet] Re: Interplanetary shock wave hits Earth; more to come....

From: RickfordG@aol.com
Date: Sun, 26 Nov 2000 05:58:55 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121543-2000.11.26-05.10.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 11/26/2000 4:20:56 AM Eastern Standard Time,
spaceweather@lists.spaceweather.com writes:

>
>
>
>
>
> Space Weather News for Nov. 26, 2000
> http://www.spaceweather.com
>
> The first of several coronal mass ejections now heading toward Earth hit
> our planet's magnetosphere between 0500 and 0600 UT on Nov. 26th.
> Geomagnetic activity could become severe during the next 48 hours as one
> shock wave after another reaches Earth. We encourage sky watchers to be
> alert for auroras at middle- and perhaps even low-latitudes. The new Moon
> will afford dark skies for spotting faint Northern Lights.
>
>

Can a packet that is bounced off of the Aurora curtain be decoded?

Thanks
Richard WD4RBX
EM84NN

214. [propnet] Re: 223 mHz

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 26 Nov 2000 07:53:57 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121561-2000.11.26-07.14.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Douglas E Fagan wrote:
> I will be interested in trying out 223
> mhz with you Ev.

Excellent! Please give a listen on 223.78 for a while to
see that pops up, would you? It would be nice to know if it

is a clear frequency in your area, too.

Though it will be nice to have a couple of high power
stations "casters" during the next event...it's also nice to
have a good number of potential "fish", too. :o)

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

215. [propnet] Re: W3UD & W4PU, please

From: W4BOT <cwells@sitestar.net>
Date: Sun, 26 Nov 2000 10:08:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121570-2000.11.26-09.19.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ed,
  Station is 2 el colinear antenna, rig is ICOM 2100, with estimated 30
watts at the the antenna and running WinAprs.
  Have you had an opportunity to post the results of the last MS event?

73,
Bill - W4BOT

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

216. [propnet] RE: Interesting Event Documented

From: "Greg Walls" <gwalls@surfsouth.com>
Date: Sun, 26 Nov 2000 10:37:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121572-2000.11.26-09.49.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev, you should write an article for QST!

73
W4GHW
Greg

-----Original Message-----
From: bounce-propnet-19460@lists.tapr.org
[mailto:bounce-propnet-19460@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
Sent: Saturday, November 25, 2000 10:27 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Interesting Event Documented

The "whizzer" that occured on 11/18/00 at 0004 Eastern has been
re-created and illustrated on the BEACONet website. The approximate
midpoint of each successful path is noted by the path-distance label
(I've place the label at the path midpoint).

This may be the first documented occurance of a single meteor being
responsible for such widespread propagation! This stuff is so c-o-o-l,
isn't it? :o)

I've posted the illustrative recreation on the BEACONet website
(http://go.to/BEACONet) under the hyperlink for "Working Proof". It's
about 180k or so, but a very interesting read.

Ev, W2EV

You are currently subscribed to propnet as: gwalls@surfsouth.com
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org

To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

217. [propnet] [skyline] S&T's News Bulletin for November 24, 2000

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 26 Nov 2000 09:50:06 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121588-2000.11.26-11.06.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From S&T's News Bulletin:

>LEONIDS IN 2000: A FIRST LOOK
>
>The November 2000 Leonid meteor shower is now history, and early
>reports reaching Sky & Telescope make no mention of the "meteor storm"
>that some astronomers had foreseen. But many enthusiasts -- those
>blessed with clear skies in the predawn hours of November 17th and
>18th -- were far from disappointed by what they saw. This was not your
>typical Leonid shower.
>
>Clouds overspread eastern North America on the morning of November
>17th, the period favored in predictions by meteor specialists Ignacio
>Ferrin, Carola Goeckel, and Ruediger Jehn. But after piecing together
>dozens of reports from Europe, Marc Gyssens of the International
>Meteor Organization (IMO) found that two modest peaks in activity did
>occur on the 17th, at around 6h and 8h Universal Time, respectively.
>Meteor rates (as corrected for sky conditions and the altitude of the
>shower radiant) briefly exceeded 100 per hour. In an electronic
>circular issued by the IMO, Gyssens notes that these peaks arrived at
>just about the time this year when the Earth was encountering
>particles that had been released by the Leonids' parent comet,
>55P/Tempel-Tuttle, back in 1932.
>
>Much higher rates are being reported for the predawn hours of November
>18th, the period favored by astronomers Robert McNaught and David
>Asher in their own forecasts. Just before 4h UT, when the Earth was
>passing through particles that had bubbled off the comet as long ago
>as 1733, the rates for IMO observers in Europe climbed to nearly 300
>meteors per hour.
>
>Then shortly before 8h UT on the 18th (associated with particles from
>1866), North Americans saw similarly high numbers. Initial reports to
>the IMO place the peak about a half hour early, between 7:00 and 7:30
>rather than at the predicted 7:51 UT. In Chelmsford, Massachusetts,
>Cheryl Beatty observed 41 meteors from 1:50 to 2:30 a.m. (6:50 to 7:30
>UT) - one Leonid per minute - despite strong moonlight and suburban
>light pollution. In nearby Bedford, Sky & Telescope's Alan MacRobert
>logged 105 Leonids in 76 minutes and judged that the true (corrected)
>rate must have been a few hundred per hour. "They were beautiful!" he
>adds. "The ones that showed through moonlight were mostly bright and
>colored yellow or (in the case of the brightest ones) green-white."
>
>Two other staffers, Dennis di Cicco and Stuart Goldman, observed under
>very clear skies in Sudbury, Massachusetts. "There were times when I
>counted 10 meteors per minute, all over the sky!" di Cicco reports.
>"But they came in spurts - then it would be quiet." Long-time observer
>John Bortle of New York State noticed several curious pairings of
>meteors. "One pair, separated by about 3 degrees, paralleled each
>other across the sky. In other cases one meteor followed in the path
>of another after a few seconds."
>
>"The Leonids I saw were fast and very bright, some even outshining
>Sirius," says Sky & Telescope chief editor Rick Fienberg. "With few
>exceptions they left impressive trains that lasted a second or two. It
>was certainly the most fun I've had meteor-watching in a long time."

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

218. [propnet] Re: Interplanetary shock wave hits Earth; more to come....

From: Doug Reed <n0nas@amsat.org>
Date: Sun, 26 Nov 2000 13:25:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121603-2000.11.26-13.36.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:58 AM 11/26/2000 EST, you wrote:
Can a packet that is bounced off of the Aurora curtain be decoded?
Thanks   Richard WD4RBX   EM84NN

According to what I've read about auroral propagation, packet probably
wouldn't decode after the bounce. My understanding is that SSB voice is
garbled because the curtain is many charged particles in a magnetic field,
waving around, not standing still. When listening to a CW note it will
sound fluttery. As a result of the Doppler shift/phase shift of the bounced
signal, I wouldn't expect the FM packet signal to be readable. Its always
possible a small message might get thru but I doubt it.

I'd still like to see a hi-speed CW program that would decode as well as
send. But I guess the main problem is how to recognize the real signal in
with all the garbage. That kind of software isn't my line........

73. Doug Reed, N0NAS
St Paul, MN EN35

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

219. [propnet] Re: New MeteorMode Protocol Opportunity

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Sun, 26 Nov 2000 15:59:06 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121611-2000.11.26-15.13.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> For the next meteor event, let's use the -SSID to denote
> antenna orientation! Use the clock as your model, with 12
> o'clock as "North".

This is a great idea- I've already changed my system to reflect SSID=Beam
Heading.

> I've got an idea about embedding frequency, class (Hub,
> Peer, Client), network functionality (Gate, Igate, etc.) and
> power-level, too (while *not* increasing the packet size,
> but still maintaining the ability for someone to read and
> decode the packet visually!)...but I'll wait until the dust
> settles on this proposal first.

I can't see that any dust was stirred up, Ev. Let loose with the ideas!

Rich
_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
HummerID 97.5 Fly Yellow Wagon
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

220. [propnet] PropNet thoughts....

From: Tim Baggett <tim@oasis.com>
Date: Sun, 26 Nov 2000 17:05:01 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121624-2000.11.26-17.15.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doug Reed wrote:
>

> At 05:58 AM 11/26/2000 EST, you wrote:
>> Can a packet that is bounced off of the Aurora curtain be decoded?

>
> I'd still like to see a hi-speed CW program that would decode as well as
> send. But I guess the main problem is how to recognize the real signal in
> with all the garbage. That kind of software isn't my line........

Hi Doug,

Wow, two emails in a week from me. I must either be taking interest in this, or bored (or both...)

This VHF/UHF and beyond propagation isn't really my line (that's why I've been quietly lurking for about two years now), but the signals & software is kinda along my lines.

Your description of auroral propagation coincides when what I've heard from other old timers who specialize in VHF/UHF. I've never heard it, that I know of. Certainly the fluttering would wreak havoc with most digital signals. I believe the problem is certainly quite solvable using digital signal processing. To apply DSP to a digital signal would certainly require an understanding of the effects of auroral propagation to a signal. I believe the effects again is probably severe phase/doppler distortion due to the auroral curtains not being uniform in the sky and moving. I have experienced signal propagation flutter on HF, and studied how to model it (there have been a few DSP simulators produced within the TAPR DSP group). It seems to me that auroral flutter is only a more severe case of what we experience nightly on HF.

Certainly CW is an excellent mode for getting the message across. However, and I am a firm believer in this, that much of the ability of CW to get through in poor conditions has to do with the most advanced DSP filter ever created - the one that sits on top of your shoulders! Your brain is able to cope with flutter as well as be subjective about what you are copying.

I do think that digital transmission modes can be much more efficent than CW, and can also be taylored to take advantage of the specific propagation effects being studied. An excellent example of a very efficient digital mode is PSK-31 that has come up in the last few years on HF. *very* narrow signal, and you can copy text well below the level which you can hear aything besides *noise*. I am very amazed in how well it works in fact!

You guys have really got an excellent propagation study set up going. I've been excited reading the successes posted on here for many months now. On the heals of the Leonids 2000 success, I have to say the system is well thought out and sure looks like it works well to me!

I'll throw out a few thoughts I have, since there has recently been interest in 'improving' this propagation study system.

Primarily, I think the best improvement that can be made is MORE STATIONS! If every packet operator in the US would bet on with you guys during a meteor event, I expect you would notice many more events similar to the infamous Nov 18 event!

Protocol - it's okay to change it, but keep it as absolutly short as possible. The more bits you transmit in a packet the greater the chance you are going to receive a bit wrong. I think transmitting just your callsign is all that is needed - register your power, antenna, QTH, etc., on a web page database. Take the moonbounce guys as an example: they QSO by bouncing their signals off the moon, but you won't hear them transmitting their QTH, power, etc!

error correction - I think normal 1200 baud packet is doing a great job and the number of participants is the weak spot now. However, if you want to get away from AX.25 stuff, consider adding some error detection/correction capabilities. Within each packet you encode a certain amount of redundancy called parity bits. If you get a number of errors, you can correct them. In AX.25 you can only detect errors - not correct them. This will help get your packets through in tough conditions. Again, the moonbounce guys transmit *everything* multiple times (redunancy!) to achieve their QSO.

digital mode - if you go way out, move away from 1200 baud AFSK packet all together and create some robust digital mode to further enhance the ability to receive a signal in noise & fluttering conditions. I think this is probably counter-effective though at it would require special radios (as does 9600 packet) and would probably limit participation.

Just some creative thoughts. In reality, I think increased participation
would yield the most results out of any of my suggestions.

73
Tim
AA5DF

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

221. [propnet] 2000 LEONIDS -PRELIMINARY RESULTS

From: blitz <blitz@macronet.net>
Date: Sun, 26 Nov 2000 18:42:46 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121634-2000.11.26-17.54.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thought the list would like to see this:
>
>SPA Electronic News Bulletin - http://www.popastro.com
>
>*********************************
>The SOCIETY for POPULAR ASTRONOMY
>*********************************
>=================================
>Electronic News Bulletin
>=================================
>Issue No 62 2000, November 26th.
>
>2000 LEONIDS -PRELIMINARY RESULTS
>By Alastair McBeath, SPA Meteor Section Director
>
>Initial observations from around the world submitted to the International
>Meteor Organisation indicated that no Leonid storm happened this year, but
>rates were greatly increased above the normal level. Zenithal Hourly Rates
>(ZHRs) on November 16-17 were generally around 50-70 all night as seen
>from Europe and North America, but two small peaks were detected near 06h
>UT (ZHR ~110; this is also visible in the early SPA Meteor Section UK-only
>data) and ~08h UT (this latter found less certainly; ZHRs ~100). November
>17-18 brought a broad maximum with ZHRs of ~200+ lasting between about
>01h45m-08h15m UT. An initial peak around 03h45m UT (ZHRs ~300) was
>seen,roughly as predicted by David Asher and Rob McNaught. Again, the
>British
>SPAMS data in so far shows an ill-defined peak around this time too. This
>was followed by another, stronger maximum, around 07h15m UT, when ZHRs
>reached ~420. The predicted time for this was 07h51m UT, about 35m later
>than was observed. None of the Leonid maxima were very sharply-defined
>this year, all gradually building-up and declining from a strong
>background level, with ZHRs of 40+ persisting from November 15-16 to
>18-19. All the ZHR values and timings given here are subject to change as
>more data arrive, and the computed rates are less accurate than normal
>thanks to strong moonlight.
>Early meteor radar and radio results tend to support the visual peaks
>found so far, especially on November 17-18.
>In Britain, observations on November 16-17 were possible from parts of
>south Wales and much of central to eastern England according to results
>sent in to the SPAMS to date. However, southeastern England seems to have
>been the place to be on November 17-18. Even here, observers often
>struggled with clouds, and many reported seeing a superb halo around the
>Moon. Healthy Leonid rates were viewed by most in spite of this.
>Elsewhere, clouds, rarely punctuated by occasional sightings of a meteor
>or meteoric flash brightening the overcast, were typical.
>Many thanks go to all the watchers who have provided results so far. Those
>who have not yet done so are invited to submit details of their 2000
>Leonid observations to the SPAMS with all speed. The Meteor Section pages
>of the SPA's Website at http://www.popastro.com provide advice on what to
>report and where to.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

222. [propnet] RE: Interesting Event Documented

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 26 Nov 2000 17:15:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-121702-2000.11.27-05.15.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's in the works. :o)
Ev

Greg Walls wrote:
>
> Ev, you should write an article for QST!
>
> 73
> W4GHW
> Greg
>
> -----Original Message-----
> From: bounce-propnet-19460@lists.tapr.org
> [mailto:bounce-propnet-19460@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
> Sent: Saturday, November 25, 2000 10:27 PM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Interesting Event Documented
>
> The "whizzer" that occured on 11/18/00 at 0004 Eastern has been
> re-created and illustrated on the BEACONet website. The approximate
> midpoint of each successful path is noted by the path-distance label
> (I've place the label at the path midpoint).
>
> This may be the first documented occurance of a single meteor being
> responsible for such widespread propagation! This stuff is so c-o-o-l,
> isn't it? :o)
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> I've posted the illustrative recreation on the BEACONet website
> (http://go.to/BEACONet) under the hyperlink for "Working Proof". It's
> about 180k or so, but a very interesting read.
>
> Ev, W2EV
>
> ---
> You are currently subscribed to propnet as: gwalls@surfsouth.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

223. [propnet] Re: W3UD & W4PU, please

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 26 Nov 2000 17:25:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121703-2000.11.27-05.17.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   Have you had an opportunity to post the results of the last MS event?

Sure enoug, Bill. Check out the website
(http://go.to/BEACONet) and select the hypelink for "Working
Proof". There's even a map of the "interesting event" that
we caught...but it now needs to be updated as I've received
yet another report of a success at this same instant in
time.

This stuff is soooooooo cool. :o)
Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

224. [propnet] RE: New MeteorMode Protocol Opportunity

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Mon, 27 Nov 2000 22:00:41 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-121806-2000.11.27-21.11.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'd rather see items describing the station placed in the beacon payload
instead of the SSID. Just an opinion...

73,

Tim N1TI

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

225. [propnet] Re: Newmeteormodepropnet digest: November 27, 2000

From: GSteve490@aol.com
Date: Tue, 28 Nov 2000 04:29:28 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121845-2000.11.28-03.41.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 11/28/00 0:54:12 AM EST, propnet@lists.tapr.org writes:

> Subject: RE: New MeteorMode Protocol Opportunity
> From: "Smith, Tim" <n1btq@ne.mediaone.net>
> Date: Mon, 27 Nov 2000 22:00:41 -0500
> X-Message-Number: 3
>
> I'd rather see items describing the station placed in the beacon payload
> instead of the SSID. Just an opinion...
>
> 73,
>
Please, Elucidate ur wishes.....
[fn23ad] dr1200T with a steerable 20el yagi/uda and/or an Isopole and/or a
AR-270 -- all @ 45' or so AGL . tiny2Mk II w/ Plain Vanilla QModem, DCD chip
inclusive..... Anything else???

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

226. [propnet] Re: Newmeteormodepropnet digest: November 27, 2000

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Tue, 28 Nov 2000 08:48:58 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121867-2000.11.28-08.00.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There's even room for wiseguys on Propnet...

-----Original Message-----
From: bounce-propnet-20520@lists.tapr.org
[mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of
GSteve490@aol.com
Sent: Tuesday, November 28, 2000 4:29 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: Newmeteormodepropnet digest: November 27, 2000

In a message dated 11/28/00 0:54:12 AM EST, propnet@lists.tapr.org writes:

> Subject: RE: New MeteorMode Protocol Opportunity
> From: "Smith, Tim" <n1btq@ne.mediaone.net>
> Date: Mon, 27 Nov 2000 22:00:41 -0500
> X-Message-Number: 3
>
> I'd rather see items describing the station placed in the beacon payload
> instead of the SSID. Just an opinion...
>
> 73,
>
Please, Elucidate ur wishes.....
[fn23ad] dr1200T with a steerable 20el yagi/uda and/or an Isopole and/or a
AR-270 -- all @ 45' or so AGL . tiny2Mk II w/ Plain Vanilla QModem, DCD
chip
inclusive..... Anything else???

You are currently subscribed to propnet as: n1btq@ne.mediaone.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

227. [propnet] RE: New MeteorMode Protocol Opportunity

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 28 Nov 2000 14:40:05 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121914-2000.11.28-14.13.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Smith, Tim" wrote:
> I'd rather see items describing the station placed
> in the beacon payload instead of the SSID. Just
> an opinion...

I *think* you're agreeing that -SSID is a good place to put
usable data, such as antenna array vector (where -0 is an
omni antenna and a north-pointing antenna uses SSID -12)?
:o)
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

228. [propnet] Directivity in -SSID Proposal

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 28 Nov 2000 14:44:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121915-2000.11.28-14.14.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So far, no negative comments on this proposal. This is very
encouraging, indeed. You may be interested to know that,
according to the AX.25 spec (on which most Amateur Packet
operations are dependent), all packets go out with this
field padded (used), even if nothing is placed in it!
Therefore, using -SSID for direction indication doesn't
actually add any length to a BEACONet packet!

So...BEACONet-ers, let's make a move to use this system even
now, please.

If your antenna is an omnidirectional, then use no SSID (-0
in effect). If it is directional to the South, then use an
SSID of -6. If it is SouthWest, use your best judgement as
to using either -7 or -8. Use the clock-face as your guide.

Ev, W2EV
W2AAA 53.530-MHz (a -0 doesn't show up, btw)
W2EV-8 147.585-MHz

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

229. [propnet] Re: Directivity in -SSID Proposal

From: sixersixer@att.net
Date: Tue, 28 Nov 2000 22:10:24 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121926-2000.11.28-16.21.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

in response to beam headings in ssid included in
packets sent i suggest these as per standard
nav/surveyor methodology northeast =1 southeast=2
southwest =3 northwest=4 as measured clockwise from utm
or approximate thereof.to find "north", polaris by

prolongation works fine if you have no gps---'73 ke4wbo
el96vw
> So far, no negative comments on this proposal. This is very
> encouraging, indeed. You may be interested to know that,
> according to the AX.25 spec (on which most Amateur Packet
> operations are dependent), all packets go out with this
> field padded (used), even if nothing is placed in it!
> Therefore, using -SSID for direction indication doesn't
> actually add any length to a BEACONet packet!
>
> So...BEACONet-ers, let's make a move to use this system even
> now, please.
>
> If your antenna is an omnidirectional, then use no SSID (-0
> in effect). If it is directional to the South, then use an
> SSID of -6. If it is SouthWest, use your best judgement as
> to using either -7 or -8. Use the clock-face as your guide.
>
> Ev, W2EV
> W2AAA 53.530-MHz (a -0 doesn't show up, btw)
> W2EV-8 147.585-MHz
>
>
>
> ---
> You are currently subscribed to propnet as: ke4wbo@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

230. [propnet] RE: New MeteorMode Protocol Opportunity

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Tue, 28 Nov 2000 17:13:40 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121927-2000.11.28-16.26.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To the contrary...doesn't it limit you to only one station per mode? In my
case as it may be with others I use a station with unique ssid to query a
remote station. I can see other potential limitations of one station per
band based on the ssid limitation. The difference in adding the appropriate
information in the btext field should have minimal impact. Additional I am
planning on installing nodes on property I own in SC as well.

I'd prefer to keep ssid function to differentiate different stations of the
same call.

73,

Tim N1TI

-----Original Message-----
From: bounce-propnet-20520@lists.tapr.org
[mailto:bounce-propnet-20520@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
Sent: Tuesday, November 28, 2000 2:40 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] RE: New MeteorMode Protocol Opportunity

"Smith, Tim" wrote:
> I'd rather see items describing the station placed
> in the beacon payload instead of the SSID. Just
> an opinion...

I *think* you're agreeing that -SSID is a good place to put
usable data, such as antenna array vector (where -0 is an
omni antenna and a north-pointing antenna uses SSID -12)?
:o)
Ev, W2EV

You are currently subscribed to propnet as: n1btq@ne.mediaone.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

231. [propnet] SSID for Antenna Direction Indication

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 28 Nov 2000 18:26:06 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121932-2000.11.28-17.37.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In response to using SSID to note antenna directivity, Tim
noted:
> doesn't it limit you to only one station per mode?

Yes, indeed. I have to admit, I wasn't anticipating that
any one licensee would implement more than one BEACONet
station. Duh! :o) That's why I asked for input from fellow
BEACONet-ers!

So...here are the issues:
1. Need to encode antenna direction to assist in the
   analysis of data.
2. Need to keep the BEACONet frame from growing in
   in length (even incidentally).
3. Need to allow more than one BEACONet station per
   licensee.

At first glance, one could certainly use different tactical
callsigns for each station, and embed the actual callsign in
the comment field after [GR##ID].
ie- [FM29CQ] mymail@host.com WA4ABC
Of course, this is advantageous only for Hub-class
stations. If the intent is to have multiple meteor mode
stations, then it's "back to the drawing board" (because
there is a definite impact on frame length.

Assuming we are still talking about Hub-class stations
only...
The pro's include the ability to continue to use SSID to
easily determine antenna directivity (a very simple, yet
effective way to do so).

The con's are mostly from a "personal pride" standpoint: we
all like to see our actual callsign in lights (myself
included) <g>. Perhapse we could "standardize" tactical
callsigns for Hub-class stations to be a call-suffix and a
number. For instance, any Hub that I put up would use a
tactical callsign of EV1 through EV9999 (there are
6-characters reserved for callsign in AX.25).

I'm not certain how I feel about this right now, but I'm
interested in how this thread evolves. Thanks for your
observation, Tim!

Thoughts, BEACONet-ers?

Ev, W2EV
W2AAA on 53.53
W2EV-8 on 147.585 (for now, anyway) :-)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

232. [propnet] Re: Directivity in -SSID Proposal

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 28 Nov 2000 18:27:19 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121933-2000.11.28-17.40.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

sixersixer@att.net wrote:
>
> in response to beam headings in ssid included in
> packets sent i suggest these as per standard

> nav/surveyor methodology northeast =1 southeast=2
> southwest =3 northwest=4 as measured clockwise from utm
> or approximate thereof.to find "north", polaris by
> prolongation works fine if you have no gps---'73 ke4wbo
> el96vw

Is there somewhere I can go to read about the nav/surveyor
methodocogy that you reference? I'd be interested in
knowing more about it before commenting.
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

233. [propnet] A note to Connecticut meteor packet stations on 147.585

From: "jon krofssik" <wa1pei@snet.net>
Date: Tue, 28 Nov 2000 18:5:10
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121942-2000.11.28-18.16.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have received a letter from the 147.000 repeater in somers Ct. stating
that my station and other Connecticut packet stations were interfering with
there repeater and that some stations were over devatinng causing there
repeater to key up every 10 sec I have checked my radio and found my
station to meet spec. I think everyone should have there radio check for
proper freq and dev I will be glad to pass along the letter if any one is
interested. also I had great fun participating in the leonid meteor packet
experiment hope to have a better station set up for the next event.
                  Jon k Wa1pei

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

234. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Tue, 28 Nov 2000 20:48:54 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121958-2000.11.28-20.05.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FWIW, I received email from this guy in August 1999 complaining about my
interference to his repeater during the Perseids meteor shower test. So I
checked my deviation with a deviation meter and it was right on the money.

I was unable to fathom how I was causing interference to his repeater, which
is 15 kHz and 30 miles away while I was running about 50 watts to an
omni-directional antenna. My thoughts were that his receiver might be a
little bit on the broad side, but I bit my lip, said nothing and went on my
merry way.

Last week, I got another email from him complaining about my operation
during the recent Leonids meteor shower test. Same complaint... the only
trouble is that I did not operate on 147.585 during the test! This time, I
did not bite my lip and I let him know that I was not on the air during my
supposed interference. (I still await an apology for his false accusation.)

Have Fun!

Stan, WA1LOU

> jon krofssik" <wa1pei@snet.net> wrote:
>
> I have received a letter from the 147.000 repeater in somers Ct. stating
> that my station and other Connecticut packet stations were interfering with
> there repeater and that some stations were over devatinng causing there
> repeater to key up every 10 sec I have checked my radio and found my
> station to meet spec. I think everyone should have there radio check for
> proper freq and dev I will be glad to pass along the letter if any one is
> interested...

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

235. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 28 Nov 2000 18:42:16 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-121980-2000.11.28-20.47.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:05 PM 11/28/00 +0000, jon krofssik blasted the following out into the ether:
>I have received a letter from the 147.000 repeater in somers Ct. stating
>that my station and other Connecticut packet stations were interfering with
>there repeater and that some stations were over devatinng causing there
>repeater to key up every 10 sec

How interesting --

If it was only YOUR station, I might consider a problem with YOUR transmitter.

But a problem with multiple transmitters and ONE receiver? Sounds almost painfully obvious there might be a problem with the repeater...

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

236. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: Charles S Osborne <csosborne@citcom.net>
Date: Wed, 29 Nov 2000 14:52:07 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122087-2000.11.29-14.02.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One thing I have seen, that wouldn't show up on a deviation meter necessarily, is a bit of an audio pop or click during initial keying. 15 kHz from their input frequency, that would be enough to do the trick since their agc would be at max gain as well.

Another bad thing about keying an FM rig is the way the stages react to the initial buildup of RF power thru the class C multipliers. I've seen a bit of spectral spreading when keying. All looks good steady state. Its that first few usec. Likewise the repeater could build in a little tolerance too.. if it doesn't key till the signal is there for a few milliseconds. But, then that's like criticizing someone's kid. All repeaters are perfect masterpieces of electronic art ;o)

Take it from someone who's 432 / 903 / 1296 / 2304 / 3456 / 5760 beacon has been kicked off a couple mountains for similar reasons.. only to have the interference remain. SSBers and FMers, why can't we all just get along. Hi!

73,
Charles, K4CSO
cosborne@pari.edu
http://www.pari.edu
EM85ne

----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Tuesday, November 28, 2000 8:42 PM
Subject: [propnet] Re: A note to Connecticut meteor packet stations on 147.585

> At 06:05 PM 11/28/00 +0000, jon krofssik blasted the following out into the
> ether:

> >I have received a letter from the 147.000 repeater in somers Ct. stating
> >that my station and other Connecticut packet stations were interfering
with
> >there repeater and that some stations were over devatinng causing there
> >repeater to key up every 10 sec
>
>   How interesting --
>
>   If it was only YOUR station, I might consider a problem with YOUR
> transmitter.
>
>   But a problem with multiple transmitters and ONE receiver? Sounds
> almost painfully obvious there might be a problem with the repeater...
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: csosborne@citcom.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

237. [propnet] KISS TNC - November QST

From: "The LeMoine Family" <dlem@hyperlogic.net>
Date: Wed, 29 Nov 2000 23:08:59 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122125-2000.11.29-22.24.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Regarding the KISS TNC described in the November QST, there were some
positive and negative comments about it as I recall. The problem that I
have with my KAM is not being able to run open squelch (the cost of the
enhancement board is ~$125). Please see the email reply from the
designer/author of the TNC. I'm going to try it. What do you all think?
Dave, KV4CN@arrl.net

Dave:
Thanks for the note. Yes, the unit runs open squelch. The
receive circuitry keys off the flags at the beginning of the packet, not the
signal itself. Let me know if I can provide any additional info.

73, John W2FS

At 09:14 PM 11/28/00 -0500, you wrote:
>Hi John,
>
>I'm currently using a KAM TNC, but, without the
>enhancement board, I can not run open squelch operation which allows the
>software to detect the carrier vs the radio's squelch. Would the TNC
>described in your November QST article allow open squelch operation? If so,
>I'm probably not the only one interested as others on the TAPR APRS Propnet
>Discussion Group involved in meteor scatter would be interested too (plus
>the cost beats a new Kantronics KPC).
>
>Thanks for the help.
>73, Dave, KV4CN@arrl.net

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

December 2000

Original source file: propnet.0012
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/propnet/propnet.0012

1. [propnet] Re: Directivity in -SSID Proposal

From: sixersixer@att.net
Date: Fri, 01 Dec 2000 22:07:54 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122312-2000.12.01-16.19.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

THE METHODOLOGY CAN BE FOUND ON MOST HP DEVICES AND ALL
PREMIUM COORDINATE GEOMETRY PACKAGES EVEN AUTOCAD WITH
THE CUSTOMIZED "COGO" TOOLBARS.
SOME OF THESE DEVICES ARE THE SHARP700 ,HP 95 HP200 HP41
HP48[ALLMODELS] THE SOFTWARE CAN BE FOUND ON THE NET AT
THERE DOWNLOAD SITE ,EVEN GREAT CIRCLE CALC'S FOR
ACCURATE BEAM HEADING'S .
ANOTHER SOURCE IS THE LIBRARY. RLS 4634 FLORIDA,GRAHAM
HULS AKA KE4WBO '73 SK
> sixersixer@att.net wrote:
> >
> > in response to beam headings in ssid included in
> > packets sent i suggest these as per standard
> > nav/surveyor methodology northeast =1 southeast=2
> > southwest =3 northwest=4 as measured clockwise from utm
> > or approximate thereof.to find "north", polaris by
> > prolongation works fine if you have no gps---'73 ke4wbo
> > el96vw
>
> Is there somewhere I can go to read about the nav/surveyor
> methodocogy that you reference? I'd be interested in
> knowing more about it before commenting.
> Ev, W2EV
>
>
> ---
> You are currently subscribed to propnet as: ke4wbo@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

2. [propnet] two propnet newbee questions

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Fri, 1 Dec 2000 21:36:01 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122351-2000.12.01-21.47.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok folks, I've got the following put together:
UI-view 2.32
KPC-3 (not plus) Rom 5.0
Icom 2M FM rig, 229-H (50W)
J-pole antenna
setup as 'level 2'.

I'm on 147.585... how can I tell if this is working? Did find that I have
to have the squelch up, or else I don't transmit.

Question 2, the KPC-3 audio output (to rig) is adjustable from 2 mV p-p to
4V p-p... how do I properly set this? The manual suggests a Calibrate
procedure, but it requires two Kantronics TNCs to perform it.

Thanks,
-Bryan KB0OBT EN35

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

3. [propnet] Re: two propnet newbee questions

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Fri, 01 Dec 2000 22:08:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122353-2000.12.01-22.19.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bryan--

As far as transmitting regardless of channel activity
or squelch setting, try setting FULLDUP to ON in your
TNC. This will allow the TNC to xmit even if the channel
is busy, which is the desired effect for meteor events.

There is also a checkbox in UI_View under
'Setup', which opens a dialog box titled 'Comms Setup'.
Click the 'setup' button, which opens a dialog box titled
'Kiss setup'. From there, there is a 'parameters' area,
and a checkbox titled 'full dup'. Check it, and when you
close the dialog box, you are given a warning, but it
is this effect you are after, so the warning is moot.

I set mine in my TNC with FULLDUP ON, as well as the
checkbox setting described above.

I have a KPC 3+, but haven't used it for these events.
I have been using my AEA DSP-2232, otherwise I might
have been able to help w/ question 2.

Others in the reflector will probably have other ideas,
too.

Hope this helps,
Mark N5YJP EM12pu

Colleen LaPlante wrote:
>
> Ok folks, I've got the following put together:
> UI-view 2.32
> KPC-3 (not plus) Rom 5.0

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

4. [propnet] Re: two propnet newbee questions

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 02 Dec 2000 07:57:52 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122374-2000.12.02-07.09.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bryan,
Welcome to BEACONet! It looks like you have an excellent
start on a station.

> I'm on 147.585... how can I tell if this is working?
If UI-View picks up a correctly formatted transmission from
itself, your own icon (a 9-square, "grid") will appear on
your screen, along with the voice of the author, announcing
your callsign (if you have an audio board in your PC). When
that happens, your transceiver should go into TX mode, too.
If so, all is well. If not, then shoot us back a note to
give us more info and we'll help.

As for RX, the hope is that there is a BEACONet station
nearby that you can simply receive. Because we are so new
into the establishment of this service, that may not be the
case. Interestingly, the software that we use will also
decode and display APRS transmissions. Simply QSY your
frequency to 144.39-MHz and within moments, your screen
should show icons from that service. If not, let us know
and we'll help you out again.

> Did find that I have to have the squelch up, or
> else I don't transmit.
This is a good thing for Standard Mode operation. That is
because TNC's use CSMA (Carrier Sense Multiple Access)
technology to assure that they don't TX at the same time as

others on the frequency. During Meteor Events, we turn that
off, using the FULLDUPLEX option of UI-View...but only
during Meteor Events (see the documentation on the website
for Meteor Mode http://go.to.BEACONet).

Since you are using a KPC-3, you *may* have another
option...but it may be ROM-version dependent (I know it
exists on ROM 6.2 and above). Prior to entering into
UI-View, open Hyperterminal and invoke the command: CD
SOFTWARE. If it exists in your version of the ROM it will
allow "open squelch" operation. If not, then simply set the
squelch as you have.

> Question 2, the KPC-3 audio output (to rig)
> is adjustable from 2 mV p-p to 4V p-p... how
> do I properly set this? The manual suggests
> a Calibrate procedure, but it requires two
> Kantronics TNCs to perform it.
By following the instructions for a "Level-I" station (prior
to setting up a "Level-II" station, you also performed the
"Restore to factory default" procedure. It has been found
that, with all modern transceivers so far, the factory
default calibration values work properly. You are most
certainly ok in this department. :o)

Again, welcome aboard! When you feel that you are on for
the duration, drop us a note. I'll add you to the activity
map on the website.

Regards,
Ev, W2EV

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5. [propnet] Re: Directivity in -SSID Proposal

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 02 Dec 2000 08:02:13 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122375-2000.12.02-07.12.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmmm. This seems a bit complicated (but certainly quite
accurate). I'm leaning toward the "clock face" method until
I understand this better. Thanks for sharing.

Ev, W2EV

sixersixer@att.net wrote:
>
> THE METHODOLOGY CAN BE FOUND ON MOST HP DEVICES AND ALL
> PREMIUM COORDINATE GEOMETRY PACKAGES EVEN AUTOCAD WITH
> THE CUSTOMIZED "COGO" TOOLBARS.
> SOME OF THESE DEVICES ARE THE SHARP700 ,HP 95 HP200 HP41
> HP48[ALLMODELS] THE SOFTWARE CAN BE FOUND ON THE NET AT
> THERE DOWNLOAD SITE ,EVEN GREAT CIRCLE CALC'S FOR
> ACCURATE BEAM HEADING'S .
> ANOTHER SOURCE IS THE LIBRARY. RLS 4634 FLORIDA,GRAHAM
> HULS AKA KE4WBO '73 SK
> > sixersixer@att.net wrote:
> > >
> > > in response to beam headings in ssid included in
> > > packets sent i suggest these as per standard
> > > nav/surveyor methodology northeast =1 southeast=2
> > > southwest =3 northwest=4 as measured clockwise from utm
> > > or approximate thereof.to find "north", polaris by
> > > prolongation works fine if you have no gps---'73 ke4wbo
> > > el96vw
> > >
> > Is there somewhere I can go to read about the nav/surveyor
> > methodocogy that you reference? I'd be interested in
> > knowing more about it before commenting.
> > Ev, W2EV
> > >
> > >
> > ---

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> >
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
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---
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6. [propnet] Leonids Recap

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 02 Dec 2000 08:07:15 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122376-2000.12.02-07.18.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
Please visit the BEACONet website (http://go.to/BEACONet),
select the "Working Proof" hyperlink and check out the text
file of the reported Leonids 2000 successes. If you have a
"catch" that isn't reported there, please let me know. I'd
like to wrap it (documenting the event) up soon.

I'm still waiting a reply from W3PU to complete the reports
that I've received so far.

Thanks!
Ev, W2EV

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7. [propnet] Fall '00 Tropo Experiment

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 02 Dec 2000 08:11:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122377-2000.12.02-07.19.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, the event is pretty much over, as conditions certainly
don't favor propagation enhancement in North America during
the winter. Please, though...keep building. I'm working on
an article for publication in late winter / early spring
that will showcase BEACONet nationally, again. It will be
nice to have a good number of folks on-the-air
(infrastructure) when the article hits. We've come a long
way this year. It would be a great help if you can stay
active.

To that end, please visit the website
(http://go.to/BEACONet) and view the Tropo Experiment
participant map. If you are on 24/7 and don't see yourself
on the map, let me know. I'll add you. Additionally, if
you are no longer active, let me know that, too. I'd like
to keep things as accurate as possible.

Thanks, folks! It has been a banner year for us...with more
to come in the months ahead!

Regards,
Ev, W2EV
W2EV-8 on 147.585
W2AAA on 53.53

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8. [propnet] Re: two propnet newbee questions

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Sat, 2 Dec 2000 09:07:29 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122380-2000.12.02-08.18.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> KPC-3 (not plus) Rom 5.0
>
> I'm on 147.585... how can I tell if this is working? Did find that I have
> to have the squelch up, or else I don't transmit.

I run in KISS mode, but if you might also set your CD to SOFTWARE from
INTERNAL. That setting, coupled with FULLDUP ON should let you run your
squelch wide open, decode packets and transmit simultaneously when other
MMode folks are in your area.

> Question 2, the KPC-3 audio output (to rig) is adjustable from 2 mV p-p to
> 4V p-p... how do I properly set this? The manual suggests a Calibrate
> procedure, but it requires two Kantronics TNCs to perform it.

There is a calibrate procedure described in the manual, but I think you are
referring to the AFSK Level. In the KPC-3+ you set it digitally with a
command, in the KPC-3 you adjust it using Jumper J3 and R13:

J3 on both posts, Turn R13 to adjust output level between 140 millivolts and
4 Volts, peak-to-peak
J3 on one post, turn R13 to adjust output level between 2 millivolts and 60
millivolts, peak-to-peak

Rich

_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
HummerID 97.5 Fly Yellow Wagon
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

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9. [propnet] Re: two propnet newbee questions, oops

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Sat, 2 Dec 2000 09:13:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122381-2000.12.02-08.26.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Question 2, the KPC-3 audio output (to rig) is adjustable from 2 mV p-p to
> 4V p-p... how do I properly set this? The manual suggests a Calibrate
> procedure, but it requires two Kantronics TNCs to perform it.

Sorry Bryan,

Now that I read this carefully, I realize my last message to the group was
simply repeating what you obviously know.

I run the Calibrate procedure with two TNCs as the manual states, and adjust
the level in the transmit TNC so that the two numbers displayed by the
receive TNC fall within the manual's recommended ratio. If not, I adjust
the XMITLVL (in a KPC3+) or turn R13 (in a KPC3) until the calculation using
the two numbers falls within the ratio.

Rich

_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
HummerID 97.5 Fly Yellow Wagon
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

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10. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: Doug Reed <n0nas@amsat.org>
Date: Sat, 02 Dec 2000 12:30:01 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122402-2000.12.02-12.42.56--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:05 PM 11/28/2000, you wrote:
>I have received a letter from the 147.000 repeater in somers Ct. stating
>that my station and other Connecticut packet stations were interfering with
>there repeater and that some stations were over devatinng causing there
>repeater to key up every 10 sec I have checked my radio and found my
>station to meet spec. I think everyone should have there radio check for
>proper freq and dev I will be glad to pass along the letter if any one is
>interested. also I had great fun participating in the leonid meteor packet
>experiment hope to have a better station set up for the next event.
>   Jon k Wa1pei

I don't mean to pick on Jon but there have been a couple comments made
about packet operation causing adjacent channel interference and several
have said that the deviation was checked and found to be within spec.
However, none of those messages specifically mentioned what the deviation
"spec" was and that could be the heart of the matter.

Keep in mind that the recommended deviation for a 1200 baud packet radio
transmitter is typically 3.0 KHz. That is based on minimizing interference
on channels spaced 20 KHz apart, not 15 KHz. Plus if your audio drive is a
little high and the transmitter audio limiter is working, chances are very
good that you are splattering into the next channel.

I previously sent Ev a recommendation that he add a deviation spec to the
web page as well as a link to an article by John Ackermann N8UR. His
article about "Let's Not Forget Layer One" and the sub section titled
"Setting Your TNC's Audio Drive Level" are the best information I've seen
about WHY and HOW to set your packet TNC deviation. I highly recommend you
follow the link from his web page at http://www.febo.com and read the
articles yourself.

The only thing I'd add is that it would probably be smart to reduce the
suggested deviation to 2.5 KHz to allow some slack due to the fact that our
operation is on 15 KHz channels. It shouldn't have any significant effect
on BEACONet operation. In fact reducing audio levels might IMPROVE
operation if it eliminates the tone clipping discussed by N8UR.

I will also say that most repeater coordinators refuse to put repeaters on
adjacent 15 KHz channels unless there is more than 60-75 miles between
them. The reason is not because the REPEATERS are inferior, but because
USERS located between the two systems will cause interference to the other
repeater. The same thing happens all the time when users attempt to "DX" an
out-of-town repeater on a frequency adjacent to the local repeater. And it
doesn't help when the typical out-of-the-box ham transceiver runs 5.5 to
6.5 KHz deviation, sometimes more....

73 and best Holiday wishes, Doug Reed, N0NAS
N St Paul, MN EN35

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11. [propnet] Re: Directivity in -SSID Proposal

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 2 Dec 2000 12:32:09 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122403-2000.12.02-12.46.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hmmm. This seems a bit complicated (but certainly quite
> accurate). I'm leaning toward the "clock face" method until
> I understand this better. Thanks for sharing.
>

In the APRSdos documentation the beam heading has been
defined in the following example after the carat (^).

N8DEU>EM64PT:]$[comment^HP...

where, the TO address is the grid square

where,]$[indicates that the $ is the map symbol

where, comment is your customized message

where, P = SqrRoot(P/10): 2=40, 3=90, 5=250, 9=910, A=1000

where, H= heading /10:   2=20, 9=90, A=100, Z=350

I agree with the gentlemen that has several beacons using
different SSID's that we should not use this for the beam
heading information.

The documented power and antenna direction seems to fit
the criteria that we are searching. It is fairly simple and already
exists in at least one of the software packages.

I think we should stick with the data following the carat to
contain the beam direction along with the power. Where
power represents ERP (TX power, minus line loss, plus
antenna gain).

For example if my radio TX power is 100W, line loss is 2dB,
and antenna gain is 12 dB I would calculate ERP as follows:
(keeping it simple)

TX Power = 10*log(power gain) = 10*(log(100)) = 20 dBw

ERP = TX power gain - line loss + antenna gain

ERP = 20dBw - 2 dB + 12 dB = 30 dBw

30 dBw = 10 **(30/10) = 1000w

Thus, if my beam heading were 270 degrees and my ERP is
expressed as 1000w and the data following the carat would
be ^RA and my beacon would appear as:

N8DEU>EM64PT:]$[comment^RA

Constructive comments are welcomed.

73's,

Tim - N8DEU
Huntsville, Alabama

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12. [propnet] Re: Directivity in -SSID Proposal

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 2 Dec 2000 13:59:02 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122424-2000.12.02-14.12.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I realize that the format of the GRID packet has changed
after my last post. Thus, the end result should produce the
following using the new GRID format:

N8DEU>CQ:[EM64PT]comment^RA

What is being discussed is what appears after the comment
in the packet for beam heading and power.

Thanks,
Tim - N8DEU

----- Original Message -----
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, December 02, 2000 12:32 PM
Subject: [propnet] Re: Directivity in -SSID Proposal

>
> > Hmmm. This seems a bit complicated (but certainly quite
> > accurate). I'm leaning toward the "clock face" method until
> > I understand this better. Thanks for sharing.
> >
>
> In the APRSdos documentation the beam heading has been
> defined in the following example after the carat (^).
>
> N8DEU>EM64PT:]$[comment^HP...
>
>
> where, the TO address is the grid square
>
> where,]$[indicates that the $ is the map symbol
>
> where, comment is your customized message
>
> where, P = SqrRoot(P/10): 2=40, 3=90, 5=250, 9=910, A=1000
>
> where, H= heading /10: 2=20, 9=90, A=100, Z=350
>
>
> I agree with the gentlemen that has several beacons using
> different SSID's that we should not use this for the beam
> heading information.
>
> The documented power and antenna direction seems to fit
> the criteria that we are searching. It is fairly simple and already
> exists in at least one of the software packages.
>
> I think we should stick with the data following the carat to
> contain the beam direction along with the power. Where
> power represents ERP (TX power, minus line loss, plus
> antenna gain).
>
> For example if my radio TX power is 100W, line loss is 2dB,
> and antenna gain is 12 dB I would calculate ERP as follows:
> (keeping it simple)
>
> TX Power = 10*log(power gain) = 10*(log(100)) = 20 dBw
>
> ERP = TX power gain - line loss + antenna gain
>
> ERP = 20dBw - 2 dB + 12 dB = 30 dBw
>
> 30 dBw = 10 **(30/10) = 1000w
>
>
> Thus, if my beam heading were 270 degrees and my ERP is
> expressed as 1000w and the data following the carat would
> be ^RA and my beacon would appear as:
>
> N8DEU>EM64PT:]$[comment^RA
>
>
>
> Constructive comments are welcomed.
>
>
>
> 73's,
>
> Tim - N8DEU
> Huntsville, Alabama
>

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13. [propnet] Re: Directivity in -SSID Proposal

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 02 Dec 2000 14:43:36 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122425-2000.12.02-14.19.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> In the APRSdos documentation the beam heading has been
> defined in the following example after the carat (^).
>
> N8DEU>EM64PT:]$[comment^HP...

The problem with this is that "Grid-in-To", as the above eMail snip describes, has been marked as "Obsolete" in the APRSpec. This means that further developement of this former APRS protocol spec will not occur in the APRS-world.

There are several "problems" with the "Grid-in-To" format as applied to the BEACONet service, too...but since it is obsolete, there is little need to delve into them.

It still seems to me that the ability to note up to 4 omnidirectional Hub-class stations with the SSID's of -0, -13, -14 and -15 -- with the ability to utilize tactical callsigns (for a total of 4 more Hub's per tactical callsign) will scratch the itch. I can certainly be convinced otherwise, but really haven't seen a reason to depart from that as a way to address the need.

However I have a followup question to float to the remailer that discusses the issue of antenna orientation determination. Maybe I'm not thinking broadly enough and would appreciate others insights. Look to my next eMail.

Remember...I'm not saying "there's no need to do that". What I'm saying is "here's an alternate way to get to the same end, while keeping it easy to determine antenna orientation".

Ev, W2EV
W2EV-8 on 147.585
W2AAA(-0) on 53.530

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14. [propnet] Re: Directivity in -SSID Proposal

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 02 Dec 2000 15:17:09 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122426-2000.12.02-14.27.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I realize that the format of the GRID packet
> has changed after my last post. Thus, the end
> result should produce the following using the
> new GRID format:
>
> N8DEU>CQ:[EM64PT]comment^RA

Actually, even the [GG##ff] format has been abandoned by the APRS Specification. It was put back into the APRSdos product at my request to Bob Bruninga.

As a result, I view the [GR##ID] format to be a BEACONet spec, to be further developed by us (and not beholdin' to the APRS service).

Think of this as an opportunity to think outside of the APRS box...BEACONet is an entirely different service, with different goals and different needs. Where one software package can do double-duty between the two services, great...but let's not be fettered by a service that has a different set of goals.

Ev, W2EV

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15. [propnet] Re: Directivity in -SSID Proposal

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 2 Dec 2000 14:20:50 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122427-2000.12.02-14.35.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > In the APRSdos documentation the beam heading has been
> > defined in the following example after the carat (^).
> >
> > N8DEU>EM64PT:]$[comment^HP...
>
> The problem with this is that "Grid-in-To", as the above
> eMail snip describes, has been marked as "Obsolete" in the
> APRSpec. This means that further developement of this
> former APRS protocol spec will not occur in the APRS-world.

Now you can see why I followed quickly with my second posting.

I knew somebody would focus on the non-issue of the message,
since that is easier to discredit than the solution that was
discussed. It is only human nature, so I understand. I know that
the format of the GRID format is obsolete, so sorry for moving
your focus away from the solution that was suggested.

The focus of the discussion was the "carat symbol (^) and what
follows it.

Tim - N8DEU

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16. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 02 Dec 2000 15:32:37 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122431-2000.12.02-14.52.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doug's points are e-x-c-e-l-l-e-n-t. Please take a moment
to do the research that he outlines. His experience is
based on his years in the repeater coordination business. I
wish I had more of a background to support his work myself.

Ev, W2EV

> I don't mean to pick on Jon but there have been a couple comments made
> about packet operation causing adjacent channel interference and several
> have said that the deviation was checked and found to be within spec.
> However, none of those messages specifically mentioned what the deviation
> "spec" was and that could be the heart of the matter.
>
> Keep in mind that the recommended deviation for a 1200 baud packet radio
> transmitter is typically 3.0 KHz. That is based on minimizing interference
> on channels spaced 20 KHz apart, not 15 KHz. Plus if your audio drive is a
> little high and the transmitter audio limiter is working, chances are very
> good that you are splattering into the next channel.
>
> I previously sent Ev a recommendation that he add a deviation spec to the
> web page as well as a link to an article by John Ackermann N8UR. His
> article about "Let's Not Forget Layer One" and the sub section titled
> "Setting Your TNC's Audio Drive Level" are the best information I've seen
> about WHY and HOW to set your packet TNC deviation. I highly recommend you
> follow the link from his web page at http://www.febo.com and read the

> articles yourself.
>
> The only thing I'd add is that it would probably be smart to reduce the
> suggested deviation to 2.5 KHz to allow some slack due to the fact that our
> operation is on 15 KHz channels. It shouldn't have any significant effect
> on BEACONet operation. In fact reducing audio levels might IMPROVE
> operation if it eliminates the tone clipping discussed by N8UR.
>
> I will also say that most repeater coordinators refuse to put repeaters on
> adjacent 15 KHz channels unless there is more than 60-75 miles between
> them. The reason is not because the REPEATERS are inferior, but because
> USERS located between the two systems will cause interference to the other
> repeater. The same thing happens all the time when users attempt to "DX" an
> out-of-town repeater on a frequency adjacent to the local repeater. And it
> doesn't help when the typical out-of-the-box ham transceiver runs 5.5 to
> 6.5 KHz deviation, sometimes more....
>
> 73 and best Holiday wishes, Doug Reed, N0NAS
> N St Paul, MN EN35
>
> ---
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---
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17. [propnet] Re: Directivity in -SSID Proposal

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 02 Dec 2000 16:01:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122432-2000.12.02-15.10.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I knew somebody would focus on the non-issue of
> the message, since that is easier to discredit
> than the solution that was discussed.

Tim,
Ya gotta not take this stuff so personally. :o)

The initial issue was that of being able to flag a
transmitting stations' antenna direction easily, without
adding to a packet frame's length. Both of the examples
sited in your notes added to the length of the packet. SSID
is always transmitted (even if it's -0, which displays as a
"blank").

The way that I see it, the BEACONet need for
short-as-possible transmissions can be addressed by one of
two easy ways: the MYCALL-SSID -or- the ToCall-SSID (this
is a new sugestion to this eMail), while still utilizing the
clock-model. This adds *no* length to a BEACONet packet and
is easily visually decoded.

Of the two methods -- where there are pro's and con's to
each -- I really like attaching it to the MYCALL as this
makes antenna direction easy to determine simply by looking
at a screen. Otherwise...adding it to the "To-call" field
(CQ147-6 for a south-pointing antenna, CQ147 for an
omnidirectional antenna) is fine too...just not as quickly
decoded.

Ev, W2EV
W2EV-8 on 147.585
W2AAA(-0) on 53.53

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18. [propnet] Re: Directivity in -SSID Proposal

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 2 Dec 2000 15:11:26 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122436-2000.12.02-15.25.00--lyris.propnet#tapr.org@lists.tapr.org>

Rendered body type: text/plain

> > I realize that the format of the GRID packet
> > has changed after my last post. Thus, the end
> > result should produce the following using the
> > new GRID format:
> >
> > N8DEU>CQ:[EM64PT]comment^RA
>
> Actually, even the [GG##ff] format has been abandoned by the
> APRS Specification. It was put back into the APRSdos
> product at my request to Bob Bruninga.
>
> As a result, I view the [GR##ID] format to be a BEACONet
> spec, to be further developed by us (and not beholdin' to
> the APRS service).
>
> Think of this as an opportunity to think outside of the APRS
> box...BEACONet is an entirely different service, with
> different goals and different needs. Where one software
> package can do double-duty between the two services,
> great...but let's not be fettered by a service that has a
> different set of goals.

Again, we focus on the non-issue content of the original post.
I never mentioned the APRS specification at all. I merely
made a reference to the APRSdos documentation. I sense
I hit a nerve somewhere...

We need to re-focus... remember the carat (^) symbol ?

That was the focus. If you desire a simple 8 position beam
heading, then change the reference from 0-7:

where, 0 = 0 degrees, 1 = 45 degrees, 2 = 90 degrees,
3 = 135 degrees, 4 = 180 degrees, 5 = 225 degrees,
6 = 270, 7 = 315 degrees.

Numbers and letters are relative, but the precision accuracy
is lost. Precision accuracy made be required in cases of
people using high gain antenna's with a narrow beamwidth.

Let's back up since I noted you as saying "...different set
of goals". Can we define the goal that is attempting to be
achieved. I took it as beam heading. Please correct me if I
am wrong. What are we trying to achieve with beam heading
data?

Are we not concerned with the beam width of the transmitting
station antenna? If not, why not?

Maybe you can understand where I am thinking at this point. If
your goal is to determine a specific direction of a propagation
phenomena, then I would want to know things like the beam
width and beam heading of the transmitting and receiving
antenna to help me better pinpoint an area in question to further
study what phenomena took place in that area. In addition, I
might want to know how much ERP is generated by the
transmitting station for more information on studying power
levels required for certain types of propagation phenomena.

Learning from past historical information is not a bad thing nor
does it prevent us from thinking out of the box as implied from
the previous post.

The focus of the discussion is:

Adding beam heading to the beacon packet
Adding transmit ERP to the beacon packet
Possibly adding transmit beam width to the beacon packet

If the focus needs to be narrowed stick with the first item, but let
us first define the goal and what will be accomplished by the
addition of information.

Tim - N8DEU

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19. [propnet] Re: Directivity in -SSID Proposal

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 2 Dec 2000 15:15:40 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122437-2000.12.02-15.29.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > I knew somebody would focus on the non-issue of
> > the message, since that is easier to discredit
> > than the solution that was discussed.
>
> Tim,
> Ya gotta not take this stuff so personally. :o)

OK, OK. I vow not to take it personally, but I did just
send another post. Let me play a quick game of
basketball and let it go.

The problem is we are typing and crossing posts to
quickly here and the SIG server is a little sluggish...

Tim - N8DEU

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20. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: Doug Bade <doug@ohioaprs.net>
Date: Sat, 02 Dec 2000 16:39:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122439-2000.12.02-15.58.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was always under the impression that a +_ 5kz deviation of a
2.4khz tone would produce an envelope of +_ 7.4 khz which should operate in
a 15khz channel????? at 3khz deviation the envelope would be +_ 5.4khz,
allowing a guard band of almost 5khz between...(in 15khz center
environment) The problem is not the TX signal, but the wide IF on the RX
end... The problem I see on most Amateur equipment is almost cellular
bandwidth RX selectivity.... (+_15KHZ).... Not with the transmitters per
se, which I agree ARE clearly over-deviating in most cases... Audio
compression on the TX due to overdrive does add to the problem, but this is
on reason I have always mandated commercial rcvrs in all the club repeaters
I work with...At least they have reasonable IF filtering.
Please correct me if my math is wrong??? Doug KB8GVQ

At 12:30 PM 12/2/00 -0600, you wrote:
> >I have received a letter from the 147.000 repeater in somers Ct. stating
> >that my station and other Connecticut packet stations were interfering with
> >there repeater and that some stations were over devatinng causing there
> >repeater to key up every 10 sec I have checked my radio and found my
> >station to meet spec.
>
>I don't mean to pick on Jon but there have been a couple comments made
>about packet operation causing adjacent channel interference
snip.....

>Keep in mind that the recommended deviation for a 1200 baud packet radio
>transmitter is typically 3.0 KHz. That is based on minimizing interference
>on channels spaced 20 KHz apart, not 15 KHz. Plus if your audio drive is a
>little high and the transmitter audio limiter is working, chances are very
>good that you are splattering into the next channel.

>
>.... snip
>
> The same thing happens all the time when users attempt to "DX" an
>out-of-town repeater on a frequency adjacent to the local repeater. And it
>doesn't help when the typical out-of-the-box ham transceiver runs 5.5 to
>6.5 KHz deviation, sometimes more....
>
>73 and best Holiday wishes, Doug Reed, N0NAS
>N St Paul, MN EN35

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21. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 2 Dec 2000 16:43:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122494-2000.12.02-16.57.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   I was always under the impression that a +_ 5kz deviation of a
> 2.4khz tone would produce an envelope of +_ 7.4 khz which should operate
in
> a 15khz channel????? at 3khz deviation the envelope would be +_ 5.4khz,

3 KHz deviation implies +/- 3 KHz deviation and adding the 1200 baud AFSK
data will yield 7.2 KHz bandwidth. Although, it is close to the edge of a
15 KHz
channel within 300 Hz. This will fit in a 15 KHz channel space provided that
the
IF on the receiving station is not too wide. The other factor that comes
into play
is the signal level of the transmitting station as detected at the receiving
station.
Since most of the IF filters are not brick-wall filters, the roll-off of
this filter will
largely affect how much selectivity will be acheived.

5 KHz of deviation will yield 11.2 KHz of bandwidth for a 1200 baud AFSK
signal. This would certainly be a problem for 15 KHz channel spacing,. It
should not be any trouble for 20 KHz spacing. Again, the signal level of
the
transmitting station detected at the receiving station and the RX IF filter
characteristics will determine if there will be any interference.

> se, which I agree ARE clearly over-deviating in most cases... Audio
> compression on the TX due to overdrive does add to the problem, but this
is
> on reason I have always mandated commercial rcvrs in all the club
repeaters
> I work with...At least they have reasonable IF filtering.
>   Please correct me if my math is wrong??? Doug KB8GVQ

The good thing is that IF filters can be changed in Amateur Equipment. I
have
done it many times with excellent results.

I would beleive that more than 40% of the packet stations on APRS,
BeaconNet, DX Clusters, and packet BBS users exceed 5KHz FM deviation.
I have monitored several packet frequencies with a reference and the results
are earth shattering. Once you have a transmit reference on the air it is
not
difficult to adjust the deviation of a packet station with an oscilloscope o
r an
AC peak reading meter connected to a receiver.

For Amateur Satellite and Space communications, it is wise to use 3 KHz
versus 5 KHz deviation due to the Doppler of the signal. It makes tuning
less critical.

While there are numerous ways to set the deviation level of a packet
station,
one must realize that the pre-emphasis circuit found in almost every FM
voice radio will affect the tones generated by the TNC. The tones coming
out of the TNC may be equal in level, but the higher tone will be boosted

by the pre-emphasis circuit. This creates an imbalance when measuring
the true deviation of the transmitted signal. I always set my TNC in the
calibration mode to only produce the higher of the tones and set my
maximum deviation accordingly. I also check the lower tone to see how far
down it resides in respect to the higher deviating tone. I typically set
the
higher tone for 3 KHz, but may wander to 3.5 KHz. It depends on the
application and the broad range of receivers and demodulators that will be
receiving the signal to acheive a happy median.

73's,

Tim - N8DEU
Huntsville, Alabama

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22. [propnet] Re: Directivity in -SSID Proposal

From: sixersixer@att.net
Date: Sat, 02 Dec 2000 23:30:50 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122497-2000.12.02-17.42.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I CONCUR ,LETS NOT BE BOUND BY PREVIOUS FORMATS OF
COMMUNICATIONS ,I SAY KNOCK OVER THEIR COFFEE CUPS ,HOW
DID SPREAD SPECTRUM DEVELOP? BY SOMEBODY WHO WASN'T EVEN
A HAM ,JUST PURE "NO NEGATIVE WAVES MAN "MENTALITY. APRS
FORMAT GO AWAY '73 KE4WBO

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23. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: Doug Bade <doug@ohioaprs.net>
Date: Sun, 03 Dec 2000 11:05:53 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122632-2000.12.03-10.26.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:43 PM 12/2/00 -0600, you wrote:

>3 KHz deviation implies +/- 3 KHz deviation and adding the 1200 baud AFSK
>data will yield 7.2 KHz bandwidth. Although, it is close to the edge of a
>15 KHz
>channel within 300 Hz. This will fit in a 15 KHz channel space provided that
>the
>IF on the receiving station is not too wide. The other factor that comes
>into play
>is the signal level of the transmitting station as detected at the receiving
>station.

        I think it adds 1.2 khz to each side which would be 8.4 Khz,(
4.2khz each side) my use of 2.4 khz was based on the higher tone of 2200
hz in bell 202 and I was thinking (new KPC3+ units seem to use MSK not Bell
202 best I can tell...) worst case tone alignment uses 2.4khz... the intent
was to show worst case, not suggest a good operating procedure...

>5 KHz of deviation will yield 11.2 KHz of bandwidth for a 1200 baud AFSK
>signal. This would certainly be a problem for 15 KHz channel spacing,. It
>should not be any trouble for 20 KHz spacing. Again, the signal level of
>the transmitting station detected at the receiving station and the RX IF
>filter
>characteristics will determine if there will be any interference.
        It looks like you are dumping the whole +_ bandwidth on one side
of the center freq.....

        I think first of all this should be 12.4Khz, and second, this is
+_ 6.2khz deviation (5 khz dev + 1.2 khz tone) which the center between

(2) 15 khz spaced channels is at 7.5 khz from each...therefore a theoretical guard band of 2 x 1.3 KHZ or 2.6 khz between assuming the other freq user is operating within the same parameter..This does not allow for freq drift on both parties, no selectivity of rx but it looks to me like an acceptable mask based on intent.....even with 5ppm drift on each side at 150 mhz would be 750 hz +_ added to each this would be still technically 1.1 khz guard band between. I agree this is a bad situation on a single site or at very close range (assuming wide band receivers) but I do not agree it is a bad Technical operating mode or guide......

If we are going to run a 15khz band plan in any jurisdiction then it is incumbent on the operator of the RCVR to do his part in maintaining channel separation as well as the TX operator ... The problem is it is easier to pick on the TX as the RX is not as easy to control.. This means he CANNOT use receivers made for commercial 30 khz band plan and expect it to protect him in a 15khz environment. Soooooooo..... Either we do not use a 15khz band plan, or the rcvr operators need to fix there stuff.... THIS is exactly the opinion of the FCC in channel bandwidth collision problems (like UHF 12.5khz splitting) which is going on right now...
That is.... if the Transmitting station is within his mask and is causing interference to a receiver which hears beyond it's mask.... then fix the receiver.....We (in commercial) are operating 3khz +_ voice masks in 12.5khz band plans at UHF..... ON SITE..... Th receiver technology is the issue...

In any case I do agree all packet should be adjusted for maximum of 3.5 khz of the higher tone of the pair, preferably 3.2khz max..... That looks like good practice all around and as far as I can see it is well with the amateur rules and good sharing policies...
Doug Bade KB8GVQ

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24. [propnet] 6m open to europe

From: "Jeff kb2wqm" <kb2wqm@dandy.net>
Date: Sun, 3 Dec 2000 11:59:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122635-2000.12.03-11.10.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone want to try a trans atlantic propnet contact, I just worked an english station on USB from FM29pe. Anyone in europe want to try packet? let me know what freq and I will start transmitting!

73 Jeff kb2wqm

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25. [propnet] Follow up on my newbee question

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Sun, 3 Dec 2000 11:50:36 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122642-2000.12.03-12.03.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the responses!

Tuning to 144.39 shows me that my setup is indeed hearing... lots of local APRS activity there.
At least a couple local stations can hear me, a Ping of them shows a direct response.

Thanks Doug for pointing me at the article about overdrive and subsequent demodulation problems. Exactly what I was looking for. The KPC-3 (not plus) has an internal pot to adjust the AFSK, which I had no idea how to set. Appears that mid-range is not a good choice from the no-equipment test, rather about 25% sounds better on the test.

New question...
while I can hear, the KPC3 doesn't seem to sucessfully decode the weaker transmissions. A solid sounding S4 signal fails to decode, only signals that are S9 consistently are decoded. [I'm determining this from watching

the Rcv and Con Led's, and the Terminal window. I hear the S4 signal, see
Rcv, but no Con, and no message into the terminal window.]

Does the S/N have to be that good for sucessful decoding? Seems like
somethings not quite right.

Thanks,
Bryan ---- KB0OBT

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26. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 3 Dec 2000 22:36:11 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122731-2000.12.03-22.50.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Doug,

Thank you so much for the response.

>   I think it adds 1.2 khz to each side which would be 8.4
,(
> 4.2khz each side) my use of 2.4 khz was based on the higher tone of 2200
> hz in bell 202 and I was thinking (new KPC3+ units seem to use MSK not Bell
> 202 best I can tell...) worst case tone alignment uses 2.4khz... the intent
> was to show worst case, not suggest a good operating procedure...

I am curious how you got to the 2.4 KHz based on the 2.2 KHz upper
tone. Only curious ;-)

The TAPR-2 TNC design uses a Bell 202-like modem. Since my all
my TNC's are TAPR-2 designs (MFJ and Paccomm) that was my reference.
They use tones of 1200 Hz and 2200 Hz for a 1000 Hz shift. There was a
TAPR note that came out later suggesting to calibrate the tones for 1200 Hz
and 2100 Hz for a 800 Hz shift citing improved performance, but there was
no explanation as to why it would yield better performance.

I admit my calculations used 'fuzzy math'. I think it is the difference between
the shift in the tones that should be used. Thus, if the original TAPR-2 tones
of 1200 Hz and 2200 Hz produced a difference of 1000 Hz this may be the
worse case because I believe MSK uses a 600 Hz shift for 1200 baud.

>From the ARRL Extra Class study guide and the ARRL Handbook they
suggest the bandwidth of a binary data signal as:

BW = (K x shift) + B

K represents a constant for allowable distortion and transmission path
B represents the data rate in bauds

BW = (1.2 x 1000) + 1200 baud = 2400 Hz for FSK

BW = (1.2 x 600) + 1200 baud = 1920 Hz for MSK

So, for 3 KHz deviation the 1200 baud signal bandwidth would occupy:
(2 * 3KHz) + 2400 Hz = 8.4KHz

For 6 KHz deviation the 1200 baud signal bandwidth would be occupy:
(2 * 6KHz) + 2400 Hz = 14.4KHz

The numbers are bigger than I originally imagined. The 3 KHz deviation
signal will fit nicely in a 15 KHz channel, but the 6 KHz deviation signal
could create some tension with a neighbor on the adjacent channel.

> acceptable mask based on intent.....even with 5ppm drift on each side at
> 150 mhz would be 750 hz +_ added to each this would be still technically
> 1.1 khz guard band between. I agree this is a bad situation on a single
> site or at very close range (assuming wide band receivers) but I do not
> agree it is a bad Technical operating mode or guide......

I agree with you.

> If we are going to run a 15khz band plan in any jurisdiction then
> it is incumbent on the operator of the RCVR to do his part in maintaining
> channel separation as well as the TX operator ... The problem is it is
> easier to pick on the TX as the RX is not as easy to control.. This means
> he CANNOT use receivers made for commercial 30 khz band plan and expect it
> to protect him in a 15khz environment. Soooooooo..... Either we do not
use
> a 15khz band plan, or the rcvr operators need to fix there stuff.... THIS
> is exactly the opinion of the FCC in channel bandwidth collision problems
(

Absolutely! This is why it helps to understand the issue when these things
arise in order to correct the problem in a logical and sensible manner.

>
> In any case I do agree all packet should be adjusted for maximum
> of 3.5 khz of the higher tone of the pair, preferably 3.2khz max..... That
> looks like good practice all around and as far as I can see it is well with
> the amateur rules and good sharing policies...

Thanks for your enlightening input on the issues. At the very least, it made
me go back and dig up some books to get my bandwidth calculations
back in order for binary data signals. Hopefully, others have gained some
knowledge and insight on the issue. It is all about sharing information in
these discussions and helping others.

73's,

Tim - N8DEU
Huntsville, Alabama

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27. [propnet] Re: Directivity in -SSID Proposal

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Mon, 4 Dec 2000 14:40:56 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122817-2000.12.04-13.52.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>As a result, I view the [GR##ID] format to be a BEACONet
>spec, to be further developed by us (and not beholdin' to
>the APRS service).

I think that simple adaptation of the already completed software would more
suited to BeaconNet. I think that the more we can standardize the better
off we are. I can't adopt the SSID modification.

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28. [propnet] Re: 6m open to europe

From: sixersixer@att.net
Date: Mon, 04 Dec 2000 22:29:13 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122836-2000.12.04-16.41.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hello jeff saw your recent contact to europe on 6m ,what
time ,power, antenna,rig are you using and last but
foremost your grid-ke4wbo in the rf blackhole of florida
hihi
> Anyone want to try a trans atlantic propnet contact, I just worked an
> english station on USB from FM29pe. Anyone in europe want to try packet? let
> me know what freq and I will start transmitting!

>
> 73 Jeff kb2wqm
>
>
> ---
> You are currently subscribed to propnet as: ke4wbo@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

29. [propnet] Do I need PASSALL ON?

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Mon, 4 Dec 2000 20:08:00 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122863-2000.12.04-20.21.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I mentioned before that many weaker signals aren't decoding in the KPC-3. Is it recommended to run in PASSALL ON mode?

-Bryan KB0OBT
colleenlaplante@mn.mediaone.net

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30. [propnet] Re: A note to Connecticut meteor packet stations on 147.585

From: Doug Reed <n0nas@amsat.org>
Date: Tue, 05 Dec 2000 01:17:14 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122919-2000.12.05-01.31.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thank you Tim and Doug.

Tim calculated the bandwidth nicely but how many dB down is it for the numbers you calculate? I haven't bothered to chase the formulas but I'd guess it is for the occupied bandwidth based on sidebands 30 dB down from fundamental. If you are running 100 watts, 30 dB down is 1 watt at the edge of the calculated bandwidth. I would expect a repeater to hear 1 watt from a base station with ease. If the formula calculates sidebands 60 dB down, then I'd agree that 1 milliwatt should be difficult to hear at 30 miles.

Second, Doug sites 30 KHz channels on commercial bands. It hasn't been that wide in 30 years. In fact all new equipment for 2000+ must operate on 7.5 KHz channels. Most commercial equipment has IF filters that put the filters in ham gear to shame. That is one reason why most repeaters are made from commercial gear rather than ham gear. Even a 70's vintage Motrac receiver has tighter bandwidth and particularly a better shape factor than most new ham gear. Without asking the repeater owner, I'd still guess any repeater on the two meter band had converted to narrow-band equipment over 20 years ago. (If you were talking 440 MHz link receivers, you might be right about wide IFs.)

The issue of accurate frequency is more of an problem. The only thing I can suggest is on-air tests with a weak signal on the repeater input. If you tune +- 5 KHz from center, the quieting should be essentially equal if the repeater receiver is on frequency, at least assuming your transmitter and frequency counter are accurate..... If the quieting is substantially better toward the 147.585 side, you have an issue to raise with the repeater owner.

But I didn't pull the packet deviation numbers out of the air, they were published. The 3 KHz figure is regularly sited as the preferred deviation for a 145 MHz 1200 baud packet signal. My only w.a.g. is in suggesting 2.5 KHz deviation since BEACONet is running on 15 KHz channels versus the 20 KHz channels where 3 KHz deviation was recommended. You are more than correct than too many packet stations are over deviating and that is why I suggested reading the N8UR site.

Tim mentioned pre-emphasis and the deviation of the high tone being wider than the low tone. The N8UR site goes into considerable detail to indicate why this is a good thing AND that it is even more important that the high tone should be equal or slightly higher in level even on the de-emphasized audio you feed the TNC. I highly encourage you to go to www.febo.com and

check it out for yourself.

The one thing for which I have no source is the suggestion that reducing
the deviation will have no significant effect on receive quality. It is
obvious that a distorted, over deviated, or off frequency signal will not
be received as well as a clean, undistorted signal. But I also know that
bit error rate increases as the bandwidth of the transmitted signal
decreases for any given IF filter bandwidth. But I don't know if the
reduction is serious for a 10% reduction in deviation or if it takes a 50%
reduction to be noticable. My assumption is that a minor reduction in
recovered audio will be more than accomodated by the TNC decoder chip and
the biggest factor in data recovery will be how much quieting is on the
signal. It has been my experiance in tuning radios that receiver quieting
is usually better with low tone deviation or CW test signals. A maximum
deviation signal is usually noiser that a low deviation signal and requires
tighter frequency control to minimize distortion.

I beleive that BEACONet stations must all meet the best possible technical
standards to get maximum results. And if the best standards also keep your
fellow hams happy, then why not do it? The hardest part in all this is
hooking an oscilloscope to an old scanner and calibrating it as N8UR
suggests. If you already have a service monitor, there is no excuse not to
be doing it right. At least that is my opinion and I hope you'll agree. <g>
Please read the N8UR web site and take it from there......

73 and Merry Christmas! Doug Reed, N0NAS

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

31. [propnet] Re: Do I need PASSALL ON?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 05 Dec 2000 05:45:57 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122927-2000.12.05-04.54.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I mentioned before that many weaker
> signals aren't decoding in the KPC-3.
> Is it recommended to run in PASSALL ON
> mode?
> -Bryan KB0OBT

Hi Bryan,
I'm hesitating to say "it's OK", because that response is
valid only because of the stage we're at, of BEACONet
development and proliferation.

PASSALL (as you probably know) allows one to not only view
fragmented packets, but it wll will allow them to be picked
up and transmitted through the "network", once we have a
proliferation of more HUB-class stations (HUB's are
stand-alone digipeaters with Kantronics ROM's [vers 8.2 or
above], at altitude, with high power).

At present, the "Net" part of BEACONet is is more of a
future vision than a "today" reality. As such, if one is
willing to keep an eye on things a bit, there is no reason
to not use PASSALL ON (with the understanding that it will
cause problems with others in range of ones' station as the
BEACONet system continues to mature).

Have you checked to see if the CD SOFTWARE command is an
option in your version of the Kantronics ROM? Also...did
you perform the "RESTORE D" command prior to configuring for
BEACONet use? Most folks have found these two steps to be
critical in assuring maximum performance.

Good luck in your endeavors! It's good to have you
on-board!

Warmly,
Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

32. [propnet] Re: 6m open to europe

From: "Jeff kb2wqm" <kb2wqm@dandy.net>
Date: Tue, 5 Dec 2000 07:35:59 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122930-2000.12.05-06.47.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was using a 5 el beam horizontial up 65 feet and 100 watts. While waiting
my turn I heard the GM0 station also give 5-9's back to several EL's and
EM's.

73 Jeff kb2wqm
----- Original Message -----
From: <sixersixer@att.net>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Monday, December 04, 2000 5:29 PM
Subject: [propnet] Re: 6m open to europe

> hello jeff saw your recent contact to europe on 6m ,what
> time ,power, antenna,rig are you using and last but
> foremost your grid-ke4wbo in the rf blackhole of florida
> hihi
> > Anyone want to try a trans atlantic propnet contact, I just worked an
> > english station on USB from FM29pe. Anyone in europe want to try packet?
let
> > me know what freq and I will start transmitting!
> >
> > 73 Jeff kb2wqm
> >
> >
> > ---
> > You are currently subscribed to propnet as: ke4wbo@arrl.net
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
>
> ---
> You are currently subscribed to propnet as: kb2wqm@dandy.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

33. [propnet] Re: Follow up on my newbee question

From: Doug Reed <n0nas@amsat.org>
Date: Tue, 05 Dec 2000 09:01:12 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-122943-2000.12.05-09.13.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:50 AM 12/3/2000 -0600, Bryan wrote:
>New question...
>while I can hear, the KPC3 doesn't seem to sucessfully decode the weaker
>transmissions. A solid sounding S4 signal fails to decode, only signals
>that are S9 consistently are decoded. [I'm determining this from watching
>the Rcv and Con Led's, and the Terminal window. I hear the S4 signal, see
>Rcv, but no Con, and no message into the terminal window.]
>Does the S/N have to be that good for sucessful decoding? Seems like
>somethings not quite right.
>Thanks,   Bryan ---- KB0OBT

Hi Bryan.

I'm glad the N8UR articles were a help. But I'm not sure how to help with
the receive problems.... It is difficult to say what the problem is since
we don't know for sure the quality of the transmitted signal. I also
haven't worked weak signal with KPC-3's before but Ev has and maybe he has
some pointers.

First, due to the nature of packet, yes, the signal is very sensitive to
noise. There is no error correction in the TNC so one blip of noise can
destroy the packet. I know that my Kenwood mobile is at about 1 uv when the
S meter starts to drop from maximum, its around .5 uv at mid scale, and
minimum signal is about .15uv. I wouldn't be surprised if I needed over .5
uv for reliable decode.

I am assuming you have the squelch open and are using the CD SOFTWARE

setting. The squelch is probably too slow for reliable operation with weak signals and CD SOFTWARE turns on the internal software carrier detect function so you can run without squelch.

My only suggestion for actually checking the received signal would be to hook up the scope and look at the audio into the TNC. You want to try and verify if the high tones are equal or louder than the low tones on the signal you're trying to copy. If the high tones are weaker then you might have the "twist" problem that N8UR talked about. Keep the audio level into the TNC in the mid-range too.

To really get to the bottom of the problem, I'd have to suggest plugging a TNC into a good RF signal generator as a signal source and then reducing the signal level to see how low your TNC/radio can decode. I'm pretty sure you'd get good packets to a fairly low level when running closed circuit on the receive RF. Of course it wouldn't work as good in the real world because of local noise..... If you run this test you shouldn't need to do anything to the TX audio since FM modulation will apply the required emphasis on the RF. This sounds like an interesting test to run with a few different radios and TNCs....

The only other thing I could suggest would be an external filter in the audio path to reduce the "out-of-band" audio noise. Anything that improves the signal-to-noise ratio of the audio going into the TNC should help. It might be worth playing with a DSP filter to see if it makes any difference. It might be real nice to try a DSP based TNC to see how well it works......

That's all I have time for this morning, Bryan. No answers, just more questions. Good luck with your station!

73. Doug Reed, N0NAS

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

34. [propnet] Next Meteor Event?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 07 Dec 2000 18:40:45 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123411-2000.12.07-17.52.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From another listserve comes this message:

"The Geminids, usually the best shower of the year, should
peak in the period of Dec 13, 1700 UTC, to Dec 14, 0200
UTC. The peak is usually very broad, with a slow rise and a
rapid decline, often being very good Dec 10-14. Pings may
be much longer than average. It is a shower that has
been overlooked in recent years, unfortunately, having been
overshadowed by the exceptional Perseid and Leonid
displays."

So...anyone wanna try a 223.78-MHz meteor mode contact?

I can muster 4-elements and 200-watts from here!

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

35. [propnet] Bad ears... better...

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Thu, 7 Dec 2000 20:13:28 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123432-2000.12.07-20.25.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Ev about the CD Software suggestion. Know you had suggested that before, but I forgot to try it. Indeed a KPC-3 w/v5.0 ROM can run CD SOFTWARE, and this has improved my station's hearing ability. Snooping on the APRS frequency, previously my best distance was 18.2 miles (ahem!), but running with the squelch open and CD SOFTWARE, tonight I'm hearing/decoding a station 86 miles away. That's better. I still think there is room for improvements though.

Doug (N0NAS), you're in town here with me, we should compare notes off list
as to what you can hear direct, with what equipment, etc.

73, Bryan KB0OBT (colleen.laplante@mn.mediaone.net)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

36. [propnet] Geminids anyone?

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Thu, 7 Dec 2000 20:20:07 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123433-2000.12.07-20.34.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>From the HSMS reflector, sounds like the Geminids are well suited to SSB
and slow CW, and so should be good for Packet I'd think. December 10-14,
so they start this weekend. Plans anyone?

Can anyone generate kepp elements to drive automatic tracking of the
optimum direction to point the beam? :-) I've got a copy of Nova which
will take the keps and automatically drive my rotator... would sure beat
getting up all night rotating it!

-Bryan   KB0OBT, EN35kb, 50 - 300W (attended only!)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

37. [propnet] Re: Next Meteor Event?

From: Jerry Flanders <jflanders2@home.com>
Date: Thu, 07 Dec 2000 23:09:07 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: propnet@lists.tapr.org
Message-ID: <LYR1548-123441-2000.12.07-22.20.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think we risk weakening the meteor contact effort by splitting up the
participants by asking some of us to give up 2m or 6m in this 220 effort. I
am assuming most guys can operate only one band at a time.

Most stations that are vhf/uhf capable are NOT 220 capable, so we will
likely have very few participants there. Numbers count.

I think if we want this mode to grow, we should concentrate on only _one_
band. Even splitting the activity among 6 and 2 as at present has the
effect of reducing the density of participating stations on either band.

There is probably a critical mass of tramsmitting stations required to give
receiving participitants enough reception reports to make it interesting.
Do we really want to risk reducing this number of stations on 6/2 this way?

Jerry W4UK

At 06:40 PM 12/7/00 -0500, you wrote:
>From another listserve comes this message:
>
>"The Geminids, usually the best shower of the year, should
>peak in the period of Dec 13, 1700 UTC, to Dec 14, 0200
>UTC. The peak is usually very broad, with a slow rise and a
>rapid decline, often being very good Dec 10-14. Pings may
>be much longer than average. It is a shower that has
>been overlooked in recent years, unfortunately, having been
>overshadowed by the exceptional Perseid and Leonid
>displays."
>
>So...anyone wanna try a 223.78-MHz meteor mode contact?

>
>I can muster 4-elements and 200-watts from here!
>
>Ev, W2EV
>
>---
>You are currently subscribed to propnet as: jflanders2@home.com
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

38. [propnet] FIREBALL!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 07 Dec 2000 18:17:56 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123457-2000.12.08-01.19.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know some of you will be interested --

      I saw an incredible fireball yesterday afternoon, just before 5 PM
MOUNTAIN time. I was at about 35d 25m 10s North, 103d 07m 32s West, facing
east, when I saw what I initially though was an afterburner flame from a
jet fighter. It was moving from northeast to southwest.
      I was really confused, as I couldn't find the airplane. And then it
appeared as if the afterburner was having problems and the plane might
crash. About then I started to get wise, and I noticed the flame was
greenish. After about 2 or 3 seconds of this, the fireball broke up into
about 3 pieces, and shortly thereafter, the flames went out and I lost the
object(s).

      Neat, huh?

      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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39. [propnet] Re: Next Meteor Event?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Fri, 08 Dec 2000 05:44:50 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123473-2000.12.08-05.33.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We have an opportunity of making history . . .

The 2-meter BEACONet frequency (147.585) is:
1. the highest 2-meter frequency on which meteor
   scatter propagation (of any mode) has been docu-
   mented.
2. the highest frequency on which amateur packet-
   based meteor scatter propagation has been docu-
   mented.

A success on 223.78 would be very cool to have documented,
if possible. Additionally, this is probably the last
opportunity to do so until spring time as I know of no other
showers with either the speed or volume to likely support
higher frequency attempts.

We learned some extremely interesting things during the
Leonids '00 event (who'd have thought that a station that is
equipped with a monopole antenna [1-element] could be copied
by another monopole-equipped station on meteor scatter--yet
that happened *twice* by *different* stations!).

Given the low probability of activity on 223-MHz by other
BEACONet-ers, I'd doubt much dilution will take place...so,
who's up to the challenge to attempt the first 125cm packet
meteor reception? :o)

Ev, W2EV
Potentially: W2EV>CQ223-7:[FN03XD]
Notice the slight change? :o) The jury is still out, but it
seems like a nice place to put the antenna pointing
indicator while maintaining the callsign's SSID for other
uses. In this case, the inference is that my antenna will
be pointed at "7 o'clock" from my position.

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

40. [propnet] Re: Next Meteor Event?

From: "Steve Nielson" <snielson@iname.com>
Date: Fri, 8 Dec 2000 06:53:12 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123507-2000.12.08-07.05.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

223 ... seems interesting. Is there any activity left on 2 M or is that
history already?

I'm not sure how many of us will fall away for a while since MANY rigs
support 2 M and 70 cm but not 123 cm. I know I can't operate in that band
now.

-----Original Message-----
From: bounce-propnet-21059@lists.tapr.org
[mailto:bounce-propnet-21059@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
Sent: Friday, December 08, 2000 4:45 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: Next Meteor Event?

We have an opportunity of making history . . .

The 2-meter BEACONet frequency (147.585) is:
1. the highest 2-meter frequency on which meteor
   scatter propagation (of any mode) has been docu-
   mented.
2. the highest frequency on which amateur packet-
   based meteor scatter propagation has been docu-
   mented.

A success on 223.78 would be very cool to have documented,
if possible. Additionally, this is probably the last
opportunity to do so until spring time as I know of no other
showers with either the speed or volume to likely support
higher frequency attempts.

We learned some extremely interesting things during the
Leonids '00 event (who'd have thought that a station that is
equipped with a monopole antenna [1-element] could be copied
by another monopole-equipped station on meteor scatter--yet
that happened *twice* by *different* stations!).

Given the low probability of activity on 223-MHz by other
BEACONet-ers, I'd doubt much dilution will take place...so,
who's up to the challenge to attempt the first 125cm packet
meteor reception? :o)

Ev, W2EV
Potentially: W2EV>CQ223-7:[FN03XD]
Notice the slight change? :o) The jury is still out, but it
seems like a nice place to put the antenna pointing
indicator while maintaining the callsign's SSID for other
uses. In this case, the inference is that my antenna will
be pointed at "7 o'clock" from my position.

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

41. [propnet] Re: FIREBALL!

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Fri, 8 Dec 2000 13:16:55 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123509-2000.12.08-07.28.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not sure if this is the case, but two dead Iridium satellites were
expected to enter the atmosphere and burn up about now.

These two were non-functional and out of control for a long time.

This has nothing to do with the bankruptcy of Iridium.

Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE
----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Friday, December 08, 2000 01:17
Subject: [propnet] FIREBALL!

>
>   I know some of you will be interested --
>
>   I saw an incredible fireball yesterday afternoon, just before
5 PM
> MOUNTAIN time. I was at about 35d 25m 10s North, 103d 07m 32s West,
facing
> east, when I saw what I initially though was an afterburner flame
from a
> jet fighter. It was moving from northeast to southwest.
>   I was really confused, as I couldn't find the airplane. And
then it
> appeared as if the afterburner was having problems and the plane
might
> crash. About then I started to get wise, and I noticed the flame
was
> greenish. After about 2 or 3 seconds of this, the fireball broke up
into
> about 3 pieces, and shortly thereafter, the flames went out and I
lost the
> object(s).
>
>   Neat, huh?
>
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a
breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: n5nj@gte.net
> To unsubscribe send a blank email to
leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

42. [propnet] RE: FIREBALL!

From: "Smith, Tim" <n1btq@ne.mediaone.net>
Date: Fri, 8 Dec 2000 10:16:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123517-2000.12.08-09.28.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl said, "I saw an incredible fireball yesterday afternoon..."

I'll take a couple of hits of that too...

:-)

73,

Tim N1TI
[FN41NP]
147.585
53.53

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

43. [propnet] Re: Next Meteor Event?

From: RickfordG@aol.com
Date: Fri, 8 Dec 2000 10:28:33 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123532-2000.12.08-09.40.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 12/07/2000 6:44:53 PM Eastern Standard Time,
propnet@greeceny.com writes:

> So...anyone wanna try a 223.78-MHz meteor mode contact?
>
> I can muster 4-elements and 200-watts from here!
>
>

I am working on an 8 element quad for 223.78 and should have it
completed in time. Power out will be 110 watts.

Here is my dilemma.
I will be able to work 2 bands if there is a DOS program that will let me
work meteor mode or if their is a way to set up the my other tnc without such
a program. Any advice?

Thanks

Rich WD4RBX EM84NM
rickfordg@aol.com

44. [propnet] Re: FIREBALL!

From: KC7ZRU - Casper <kc7zru@arrl.net>
Date: Fri, 08 Dec 2000 10:00:00 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123579-2000.12.08-11.11.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Similar experience here about 3 weeks ago Earl,

On I-25 at the NW corner of Casper, WY headed North - big, green light
moving rapidly from slightly S of E to just a tad N of W. Fairly cloudy
- clued into what it was when it lit up the clouds on either side as it
managed to pass through a gap. Big enough and looked close enough, I
pulled over - killed the engine, rolled down the window and was a bit
disappointed to not hear anything. Something that big and bright
should've made some kind of noise - at least, so I thaught at the time.

Pretty durn impressive none the less!

wonder if I'll go blind now...
    (reach back into movie history for that one!)
73

Earl Needham wrote:
>
>   I know some of you will be interested --
>
>   I saw an incredible fireball yesterday afternoon,
::snipage::
>

--
               /\
               | No Longer in Laramie | Now in Casper |
               | CARC Repeater 146.640(-) | DN62uu |
               | ICQ/ICU# 82711454 | eGroups.com/RM-APRS |
               | "The Dungeon" online at http://go.to/KC7ZRU |
               ++

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

45. [propnet] Re: FIREBALL!

From: Dave N Parker <kg4fta@juno.com>
Date: Fri, 8 Dec 2000 13:21:55 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123596-2000.12.08-13.41.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, last fall about this time, I saw a green fireball, at my home here
near Madisonville, KY, in EM67GJ.
The size APPEARED to be about 1.5 feet in diameter,
and there was no "tail" to it, as is common in meteors.

I am sure it was either a meteor or similar object.
It landed about 1/8 mile from me, and after I searched for it,
spending several hours, I concluded that it simply burned up
before it hit the ground.

73 DE KG4FTA
EM67GJ
David Parker

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

46. [propnet] Re: FIREBALL!

From: Earl Needham <kd5xb@amsat.org>
Date: Fri, 8 Dec 2000 14:12:33 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123611-2000.12.08-15.25.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Well, last fall about this time, I saw a green fireball, at my home here
>near Madisonville, KY, in EM67GJ.
>The size APPEARED to be about 1.5 feet in diameter,
>and there was no "tail" to it, as is common in meteors.
>
>I am sure it was either a meteor or similar object.
>It landed about 1/8 mile from me,

        !!!
        YOU ACTUALLY SAW IT ALL THE WAY TO THE GROUND? WOW! THAT'S
REALLY NEAT!!!

        Earl

 From the Ranchvale Elementary School Computer Laboratory

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

47. [propnet] Re: FIREBALL!

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 08 Dec 2000 16:25:41 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123614-2000.12.08-15.37.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If it was headed directly toward you, or nearly so, you would not see any
tail at all. The tail would be behind the fireball.

I think it would be tough to guess how far away it hit. If it was really
that close, you might have heard something.

Jerry W4UK

At 01:21 PM 12/8/00 -0800, you wrote:
>Well, last fall about this time, I saw a green fireball, at my home here
>near Madisonville, KY, in EM67GJ.
>The size APPEARED to be about 1.5 feet in diameter,
>and there was no "tail" to it, as is common in meteors.
>
>I am sure it was either a meteor or similar object.
>It landed about 1/8 mile from me, and after I searched for it,
>spending several hours, I concluded that it simply burned up
>before it hit the ground.
>
>73 DE KG4FTA
>EM67GJ
>David Parker
>
>_

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

48. [propnet] Re: Next Meteor Event?

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Fri, 8 Dec 2000 16:38:11 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123619-2000.12.08-15.53.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> "The Geminids, usually the best shower of the year, should
> peak in the period of Dec 13, 1700 UTC, to Dec 14, 0200
> UTC.

I'll be on from EN82HL, 147.585, 180w to a 10dB beam, azimuth 180 degrees:

N8QLT>CQ147-6:[EN82HL]

I like this convention, and will use it.

Rich

_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
HummerID 97.5 Fly Yellow Wagon
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

49. [propnet] Re: FIREBALL!

From: Clifford Buttschardt <cbuttsch@slonet.org>
Date: Fri, 8 Dec 2000 17:23:46 -0800 (PST)

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Message-ID: <LYR1548-123654-2000.12.08-19.35.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Man, if I ever got that close to a proposed landing, I would move heaven
and earth to find the impact point. Good luck! Cliff K7RR

On Fri, 8 Dec 2000, Earl Needham wrote:

> >Well, last fall about this time, I saw a green fireball, at my home here
> >near Madisonville, KY, in EM67GJ.
> >The size APPEARED to be about 1.5 feet in diameter,
> >and there was no "tail" to it, as is common in meteors.
> >
> >I am sure it was either a meteor or similar object.
> >It landed about 1/8 mile from me,
>
>   !!!
>   YOU ACTUALLY SAW IT ALL THE WAY TO THE GROUND? WOW! THAT'S
> REALLY NEAT!!!
>
>   Earl
>
> From the Ranchvale Elementary School Computer Laboratory
>
>
> ---
> You are currently subscribed to propnet as: cbuttsch@slonet.org
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

50. [propnet] Re: Next Meteor Event?

From: "Henry" <kb9cqo@rexnet.net>
Date: Fri, 8 Dec 2000 21:19:50 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123660-2000.12.08-20.39.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No 220 caps in this shack. Sri.

73 de Henry/kb9cqo

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

51. [propnet] Re: Next Meteor Event?

From: "Steve Nielson" <snielson@iname.com>
Date: Fri, 8 Dec 2000 20:37:14 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123662-2000.12.08-20.49.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

None here either -- any 2M activity planned?

-----Original Message-----
From: bounce-propnet-21059@lists.tapr.org
[mailto:bounce-propnet-21059@lists.tapr.org]On Behalf Of Henry
Sent: Friday, December 08, 2000 8:20 PM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] Re: Next Meteor Event?

No 220 caps in this shack. Sri.

73 de Henry/kb9cqo

You are currently subscribed to propnet as: n5qc@arrl.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

52. [propnet] 2 Meter Geminids - Yes!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 09 Dec 2000 09:15:49 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123731-2000.12.09-08.26.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I didn't mean to imply abandoning 2-meters for a try on
223-MHz. Please...lets give it a shot!

I will try to reach Rich Parry to reset the METEORegistry
page over the weekend and we can register our intent there.

This is very cool stuff!

Ev, W2EV
2-meters: W2AAA>CQ147-7:[FN03XD]
223-MHz : W2EV>CQ223-?:[FN03XD] "?" 'cause I don't know
                                 who will be on the band
                                 attempting yet.
ps. I'll be abandoning 6-meters in the 223-MHz attempt.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

53. [propnet] Re: FIREBALL!

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Sat, 9 Dec 2000 11:19:22 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123741-2000.12.09-10.32.01--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

that is neat!!!

N1MNU

----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Thursday, December 07, 2000 8:17 PM
Subject: [propnet] FIREBALL!

>
>   I know some of you will be interested --
>
>   I saw an incredible fireball yesterday afternoon, just before 5 PM
> MOUNTAIN time. I was at about 35d 25m 10s North, 103d 07m 32s West,
facing
> east, when I saw what I initially though was an afterburner flame from a
> jet fighter. It was moving from northeast to southwest.
>   I was really confused, as I couldn't find the airplane. And then it
> appeared as if the afterburner was having problems and the plane might
> crash. About then I started to get wise, and I noticed the flame was
> greenish. After about 2 or 3 seconds of this, the fireball broke up into
> about 3 pieces, and shortly thereafter, the flames went out and I lost the
> object(s).
>
>   Neat, huh?
>
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>

> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: jpupecki@mediaone.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

54. [propnet] RE: 2 Meter Geminids - Yes!

From: "Steve Nielson" <snielson@iname.com>
Date: Sat, 9 Dec 2000 10:33:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123744-2000.12.09-10.52.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'll crank up (low power TX, hopefully good RX) on 2M (EM34ss).

-----Original Message-----
From: bounce-propnet-21059@lists.tapr.org
[mailto:bounce-propnet-21059@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
Sent: Saturday, December 09, 2000 8:16 AM
To: TAPR APRS PropNet Discussion Group
Subject: [propnet] 2 Meter Geminids - Yes!

I didn't mean to imply abandoning 2-meters for a try on
223-MHz. Please...lets give it a shot!

I will try to reach Rich Parry to reset the METEORegistry
page over the weekend and we can register our intent there.

This is very cool stuff!

Ev, W2EV
2-meters: W2AAA>CQ147-7:[FN03XD]
223-MHz : W2EV>CQ223-?:[FN03XD] "?" 'cause I don't know
                                 who will be on the band
                                 attempting yet.
ps. I'll be abandoning 6-meters in the 223-MHz attempt.

You are currently subscribed to propnet as: n5qc@arrl.net
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

55. [propnet] Re: FIREBALL!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 09 Dec 2000 09:40:39 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123745-2000.12.09-10.54.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:19 AM 12/9/00 -0500, Joe Pupecki blasted the following out into the
ether:
>that is neat!!!

      What's even more so, is that 2 other people have emailed me that they
were in the Clovis area (local to me) and also saw it, although we were as
much as 15 miles apart. AND -- a fellow down near Midland, Texas saw it
too -- all at the same time.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

56. [propnet] Re: FIREBALL!

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Sat, 9 Dec 2000 14:38:11 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123770-2000.12.09-13.49.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

what state is Clovis in?

----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, December 09, 2000 11:40 AM
Subject: [propnet] Re: FIREBALL!

> At 11:19 AM 12/9/00 -0500, Joe Pupecki blasted the following out into the
> ether:
> >that is neat!!!
>
>   What's even more so, is that 2 other people have emailed me that
they
> were in the Clovis area (local to me) and also saw it, although we were as
> much as 15 miles apart. AND -- a fellow down near Midland, Texas saw it
> too -- all at the same time.
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: jpupecki@mediaone.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

57. [propnet] Talk about propagation!!!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 09 Dec 2000 11:08:14 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123774-2000.12.09-14.09.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

From the Kim Komando newsletter:

>~~~~~~
>Product Alert of the Week: All Phasers Set to Stun
>~~~~~~
>
> From the "Come up with an idea, take some pictures and send it off
>to the patent department" is a Star Trek Phaser-like gadget.
>
>HSV Technologies Inc. of San Diego, California is developing a
>non-lethal weapon that uses ultraviolet laser beams to harmlessly
>immobilize people and animals at a distance. The Phaser-like
>device uses two beams of UV radiation to ionize paths in the air
>along which electrical current is conducted to and from the target.
>In effect, the beams create wires through the atmosphere wherever

>they are pointed.
>
>Want to know more, check out the web site:
>http://www.hsvt.org/

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

58. [propnet] Re: FIREBALL!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 09 Dec 2000 19:19:17 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123800-2000.12.09-20.37.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:38 PM 12/9/00 -0500, Joe Pupecki blasted the following out into the
ether:
>what state is Clovis in?

New Mexico...

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

59. [propnet] Another Fireball

From: "jeff dover" <ku4ww@hiwaay.net>
Date: Sat, 9 Dec 2000 22:32:23 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123818-2000.12.09-22.45.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just before bedtime at about 05:00 utc Friday night, I stepped outside the
shack to check out the skys. As I was looking east and almost straight
overhead, I saw a startling Fireball. It lasted for about 2 seconds, but was
very bright under a moonlit sky. The direction of travel appeared to be
north. It was different from a meteor. It seemed to explode and then move
north until fading. The length of travel was about two hands width. By the
way, I'm new to the Propnet. Can someone tell me what SSID stands for. Tnx.

73 de Jeff KU4WW em54wq
----- Original Message -----
From: "TAPR APRS PropNet Discussion Group digest" <propnet@lists.tapr.org>
To: "propnet digest recipients" <propnet@lists.tapr.org>
Sent: Friday, December 08, 2000 11:02 PM
Subject: propnet digest: December 08, 2000

> TAPR APRS PropNet Discussion Group Digest for Friday, December 08, 2000.
>
> 1. FIREBALL!
> 2. Re: Next Meteor Event?
> 3. Re: Next Meteor Event?
> 4. Re: FIREBALL!
> 5. RE: FIREBALL!
> 6. Re: Next Meteor Event?

> 7. Re: FIREBALL!
> 8. Re: FIREBALL!
> 9. Re: FIREBALL!
> 10. Re: FIREBALL!
> 11. Re: Next Meteor Event?
> 12. Re: FIREBALL!
> 13. Re: Next Meteor Event?
> 14. Re: Next Meteor Event?
>
> ---
>
> Subject: FIREBALL!
> From: Earl Needham <KD5XB@AMSAT.ORG>
> Date: Thu, 07 Dec 2000 18:17:56 -0700
> X-Message-Number: 1
>
>
>   I know some of you will be interested --
>
>   I saw an incredible fireball yesterday afternoon, just before 5 PM
> MOUNTAIN time. I was at about 35d 25m 10s North, 103d 07m 32s West,
facing
> east, when I saw what I initially though was an afterburner flame from a
> jet fighter. It was moving from northeast to southwest.
>   I was really confused, as I couldn't find the airplane. And then it
> appeared as if the afterburner was having problems and the plane might
> crash. About then I started to get wise, and I noticed the flame was
> greenish. After about 2 or 3 seconds of this, the fireball broke up into
> about 3 pieces, and shortly thereafter, the flames went out and I lost the
> object(s).
>
>   Neat, huh?
>
>   Earl
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
>
> Subject: Re: Next Meteor Event?
> From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> Date: Fri, 08 Dec 2000 05:44:50 -0500
> X-Message-Number: 2
>
> We have an opportunity of making history . . .
>
> The 2-meter BEACONet frequency (147.585) is:
> 1. the highest 2-meter frequency on which meteor
>   scatter propagation (of any mode) has been docu-
>   mented.
> 2. the highest frequency on which amateur packet-
>   based meteor scatter propagation has been docu-
>   mented.
>
> A success on 223.78 would be very cool to have documented,
> if possible. Additionally, this is probably the last
> opportunity to do so until spring time as I know of no other
> showers with either the speed or volume to likely support
> higher frequency attempts.
>
> We learned some extremely interesting things during the
> Leonids '00 event (who'd have thought that a station that is
> equipped with a monopole antenna [1-element] could be copied
> by another monopole-equipped station on meteor scatter--yet
> that happened *twice* by *different* stations!).
>
> Given the low probability of activity on 223-MHz by other
> BEACONet-ers, I'd doubt much dilution will take place...so,
> who's up to the challenge to attempt the first 125cm packet
> meteor reception? :o)
>
> Ev, W2EV
> Potentially: W2EV>CQ223-7:[FN03XD]
> Notice the slight change? :o) The jury is still out, but it

> seems like a nice place to put the antenna pointing
> indicator while maintaining the callsign's SSID for other
> uses. In this case, the inference is that my antenna will
> be pointed at "7 o'clock" from my position.
>
>
>
> --
>
> Subject: Re: Next Meteor Event?
> From: "Steve Nielson" <snielson@iname.com>
> Date: Fri, 8 Dec 2000 06:53:12 -0600
> X-Message-Number: 3
>
> 223 ... seems interesting. Is there any activity left on 2 M or is that
> history already?
>
> I'm not sure how many of us will fall away for a while since MANY rigs
> support 2 M and 70 cm but not 123 cm. I know I can't operate in that band
> now.
>
> -----Original Message-----
> From: bounce-propnet-21059@lists.tapr.org
> [mailto:bounce-propnet-21059@lists.tapr.org]On Behalf Of Ev Tupis (W2EV)
> Sent: Friday, December 08, 2000 4:45 AM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Re: Next Meteor Event?
>
>
> We have an opportunity of making history . . .
>
> The 2-meter BEACONet frequency (147.585) is:
> 1. the highest 2-meter frequency on which meteor
>   scatter propagation (of any mode) has been docu-
>   mented.
> 2. the highest frequency on which amateur packet-
>   based meteor scatter propagation has been docu-
>   mented.
>
> A success on 223.78 would be very cool to have documented,
> if possible. Additionally, this is probably the last
> opportunity to do so until spring time as I know of no other
> showers with either the speed or volume to likely support
> higher frequency attempts.
>
> We learned some extremely interesting things during the
> Leonids '00 event (who'd have thought that a station that is
> equipped with a monopole antenna [1-element] could be copied
> by another monopole-equipped station on meteor scatter--yet
> that happened *twice* by *different* stations!).
>
> Given the low probability of activity on 223-MHz by other
> BEACONet-ers, I'd doubt much dilution will take place...so,
> who's up to the challenge to attempt the first 125cm packet
> meteor reception? :o)
>
> Ev, W2EV
> Potentially: W2EV>CQ223-7:[FN03XD]
> Notice the slight change? :o) The jury is still out, but it
> seems like a nice place to put the antenna pointing
> indicator while maintaining the callsign's SSID for other
> uses. In this case, the inference is that my antenna will
> be pointed at "7 o'clock" from my position.
>
>
>
> ---
> You are currently subscribed to propnet as: n5qc@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>
>
> --
>
> Subject: Re: FIREBALL!
> From: "Bob Naumann - N5NJ" <n5nj@gte.net>
> Date: Fri, 8 Dec 2000 13:16:55 -0000
> X-Message-Number: 4
>

> I'm not sure if this is the case, but two dead Iridium satellites were
> expected to enter the atmosphere and burn up about now.
>
> These two were non-functional and out of control for a long time.
>
> This has nothing to do with the bankruptcy of Iridium.
>
> Robert E. Naumann
> N5NJ / V26O
> N5NJ@arrl.net
> www.qsl.net/n5nj
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
> ----- Original Message -----
> From: "Earl Needham" <KD5XB@AMSAT.ORG>
> To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> Sent: Friday, December 08, 2000 01:17
> Subject: [propnet] FIREBALL!
>
>
> >
> >   I know some of you will be interested --
> >
> >   I saw an incredible fireball yesterday afternoon, just before
> 5 PM
> > MOUNTAIN time. I was at about 35d 25m 10s North, 103d 07m 32s West,
> facing
> > east, when I saw what I initially though was an afterburner flame
> from a
> > jet fighter. It was moving from northeast to southwest.
> >   I was really confused, as I couldn't find the airplane. And
> then it
> > appeared as if the afterburner was having problems and the plane
> might
> > crash. About then I started to get wise, and I noticed the flame
> was
> > greenish. After about 2 or 3 seconds of this, the fireball broke up
> into
> > about 3 pieces, and shortly thereafter, the flames went out and I
> lost the
> > object(s).
> >
> >   Neat, huh?
> >
> >   Earl
> >
> > Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> > Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
> >
> > Pet peeve: breath is a noun, breathe is a verb (When you take a
> breath,
> > you breathe...)
> >
> >
> > ---
> > You are currently subscribed to propnet as: n5nj@gte.net
> > To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
> >
>
>
> ---
>
> Subject: RE: FIREBALL!
> From: "Smith, Tim" <n1btq@ne.mediaone.net>
> Date: Fri, 8 Dec 2000 10:16:32 -0500
> X-Message-Number: 5
>
> Earl said, "I saw an incredible fireball yesterday afternoon..."
>
> I'll take a couple of hits of that too...
>
>
> :-)
>
> 73,
>
> Tim N1TI
> [FN41NP]

> 147.585
> 53.53
>
>
> --
>
> Subject: Re: Next Meteor Event?
> From: RickfordG@aol.com
> Date: Fri, 8 Dec 2000 10:28:33 EST
> X-Message-Number: 6
>
>
> --part1_7b.d3823e5.27625821_boundary
> Content-Type: text/plain; charset="US-ASCII"
> Content-Transfer-Encoding: 7bit
>
> In a message dated 12/07/2000 6:44:53 PM Eastern Standard Time,
> propnet@greeceny.com writes:
>
>
> > So...anyone wanna try a 223.78-MHz meteor mode contact?
> >
> > I can muster 4-elements and 200-watts from here!
> >
> >
>
>   I am working on an 8 element quad for 223.78 and should have it
> completed in time. Power out will be 110 watts.
>
> Here is my dilemma.
> I will be able to work 2 bands if there is a DOS program that will let me
> work meteor mode or if their is a way to set up the my other tnc without
such
> a program. Any advice?
>
> Thanks
>
> Rich WD4RBX EM84NM
> rickfordg@aol.com
>
> --part1_7b.d3823e5.27625821_boundary
> Content-Type: text/html; charset="US-ASCII"
> Content-Transfer-Encoding: 7bit
>
> <HTML><FONT FACE=arial,helvetica><FONT SIZE=2>In a message dated
12/07/2000 6:44:53 PM Eastern Standard Time,
propnet@greeceny.com
writes:
>
>
>
<BLOCKQUOTE TYPE=CITE style="BORDER-LEFT: #0000ff 2px solid;
MARGIN-LEFT: 5px; MARGIN-RIGHT: 0px; PADDING-LEFT: 5px">So...anyone wanna
try a 223.78-MHz meteor mode contact?
>
>
I can muster 4-elements and 200-watts from here!
>
>
</BLOCKQUOTE>
>
>
      I am working on an 8 element quad for
223.78 and should have it
completed in time. Power out will be 110
watts.
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 Here is my dilemma.
>
I will be able to work 2 bands if there is a DOS program that will let
me
work meteor mode or if their is a way to set up the my other tnc
without such
a program. Any advice?
>
>
Thanks
>
>
Rich WD4RBX EM84NM
>
rickfordg@aol.com</FONT></HTML>
>
> --part1_7b.d3823e5.27625821_boundary--
>
> --
>
> Subject: Re: FIREBALL!
> From: KC7ZRU - Casper <kc7zru@arrl.net>
> Date: Fri, 08 Dec 2000 10:00:00 -0700
> X-Message-Number: 7

>
> Similar experience here about 3 weeks ago Earl,
>
> On I-25 at the NW corner of Casper, WY headed North - big, green light
> moving rapidly from slightly S of E to just a tad N of W. Fairly cloudy
> - clued into what it was when it lit up the clouds on either side as it
> managed to pass through a gap. Big enough and looked close enough, I
> pulled over - killed the engine, rolled down the window and was a bit
> disappointed to not hear anything. Something that big and bright
> should've made some kind of noise - at least, so I thaught at the time.
>
> Pretty durn impressive none the less!
>
> wonder if I'll go blind now...
>   (reach back into movie history for that one!)
> 73
>
> Earl Needham wrote:
> >
> >   I know some of you will be interested --
> >
> >   I saw an incredible fireball yesterday afternoon,
> ::snipage::
> >
>
> --
>   /\
> | No Longer in Laramie | Now in Casper |
> | CARC Repeater 146.640(-) | DN62uu |
> | ICQ/ICU# 82711454 | eGroups.com/RM-APRS |
> | "The Dungeon" online at http://go.to/KC7ZRU |
>   ++
>
> --
>
> Subject: Re: FIREBALL!
> From: Dave N Parker <kg4fta@juno.com>
> Date: Fri, 8 Dec 2000 13:21:55 -0800
> X-Message-Number: 8
>
> Well, last fall about this time, I saw a green fireball, at my home here
> near Madisonville, KY, in EM67GJ.
> The size APPEARED to be about 1.5 feet in diameter,
> and there was no "tail" to it, as is common in meteors.
>
> I am sure it was either a meteor or similar object.
> It landed about 1/8 mile from me, and after I searched for it,
> spending several hours, I concluded that it simply burned up
> before it hit the ground.
>
> 73 DE KG4FTA
> EM67GJ
> David Parker
>
> ____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> --
>
> Subject: Re: FIREBALL!
> From: Earl Needham <kd5xb@amsat.org>
> Date: Fri, 8 Dec 2000 14:12:33 -0600
> X-Message-Number: 9
>
> >Well, last fall about this time, I saw a green fireball, at my home here
> >near Madisonville, KY, in EM67GJ.
> >The size APPEARED to be about 1.5 feet in diameter,
> >and there was no "tail" to it, as is common in meteors.
> >
> >I am sure it was either a meteor or similar object.
> >It landed about 1/8 mile from me,
>
> !!!
> YOU ACTUALLY SAW IT ALL THE WAY TO THE GROUND? WOW! THAT'S
> REALLY NEAT!!!
>

> Earl
>
> From the Ranchvale Elementary School Computer Laboratory
>
>
> --
>
> Subject: Re: FIREBALL!
> From: Jerry Flanders <jflanders2@home.com>
> Date: Fri, 08 Dec 2000 16:25:41 -0500
> X-Message-Number: 10
>
> If it was headed directly toward you, or nearly so, you would not see any
> tail at all. The tail would be behind the fireball.
>
> I think it would be tough to guess how far away it hit. If it was really
> that close, you might have heard something.
>
> Jerry W4UK
>
> At 01:21 PM 12/8/00 -0800, you wrote:
> >Well, last fall about this time, I saw a green fireball, at my home here
> >near Madisonville, KY, in EM67GJ.
> >The size APPEARED to be about 1.5 feet in diameter,
> >and there was no "tail" to it, as is common in meteors.
> >
> >I am sure it was either a meteor or similar object.
> >It landed about 1/8 mile from me, and after I searched for it,
> >spending several hours, I concluded that it simply burned up
> >before it hit the ground.
> >
> >73 DE KG4FTA
> >EM67GJ
> >David Parker
> >
> >_
>
>
> --
>
> Subject: Re: Next Meteor Event?
> From: "RWeinkauf" <rweinkauf@msn.com>
> Date: Fri, 8 Dec 2000 16:38:11 -0500
> X-Message-Number: 11
>
> > "The Geminids, usually the best shower of the year, should
> > peak in the period of Dec 13, 1700 UTC, to Dec 14, 0200
> > UTC.
>
> I'll be on from EN82HL, 147.585, 180w to a 10dB beam, azimuth 180 degrees:
>
> N8QLT>CQ147-6:[EN82HL]
>
> I like this convention, and will use it.
>
> Rich
>
> _____________________________________
> Rich Weinkauf, N8QLT
> Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
> HummerID 97.5 Fly Yellow Wagon
> 1971 Kaiser M35A2 ** MVPA #20486
> Load Warrior Website
http://msnhomepages.talkcity.com/Terminus/loadwarrior/
> M35 Cool Stuff Site   http://www.highprofilevehicles.com
> _____________________________________
>
>
>
> --
>
> Subject: Re: FIREBALL!
> From: Clifford Buttschardt <cbuttsch@slonet.org>
> Date: Fri, 8 Dec 2000 17:23:46 -0800 (PST)
> X-Message-Number: 12
>
> Man, if I ever got that close to a proposed landing, I would move heaven
> and earth to find the impact point. Good luck! Cliff K7RR
>

> On Fri, 8 Dec 2000, Earl Needham wrote:
>
> > >Well, last fall about this time, I saw a green fireball, at my home
here
> > >near Madisonville, KY, in EM67GJ.
> > >The size APPEARED to be about 1.5 feet in diameter,
> > >and there was no "tail" to it, as is common in meteors.
> > >
> > >I am sure it was either a meteor or similar object.
> > >It landed about 1/8 mile from me,
> >
> > !!!
> > YOU ACTUALLY SAW IT ALL THE WAY TO THE GROUND? WOW! THAT'S
> > REALLY NEAT!!!
> >
> > Earl
> >
> > From the Ranchvale Elementary School Computer Laboratory
> >
> >
> > ---
> > You are currently subscribed to propnet as: cbuttsch@slonet.org
> > To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
> >
> >
>
>
> --
>
> Subject: Re: Next Meteor Event?
> From: "Henry" <kb9cqo@rexnet.net>
> Date: Fri, 8 Dec 2000 21:19:50 -0500
> X-Message-Number: 13
>
> No 220 caps in this shack. Sri.
>
> 73 de Henry/kb9cqo
>
>
>
> --
>
> Subject: Re: Next Meteor Event?
> From: "Steve Nielson" <snielson@iname.com>
> Date: Fri, 8 Dec 2000 20:37:14 -0600
> X-Message-Number: 14
>
> None here either -- any 2M activity planned?
>
> -----Original Message-----
> From: bounce-propnet-21059@lists.tapr.org
> [mailto:bounce-propnet-21059@lists.tapr.org]On Behalf Of Henry
> Sent: Friday, December 08, 2000 8:20 PM
> To: TAPR APRS PropNet Discussion Group
> Subject: [propnet] Re: Next Meteor Event?
>
>
> No 220 caps in this shack. Sri.
>
> 73 de Henry/kb9cqo
>
>
>
> ---
> You are currently subscribed to propnet as: n5qc@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>
>
>
>
> ---
>
> END OF DIGEST
>
> ---
> You are currently subscribed to propnet as: ku4ww@hiwaay.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

60. [propnet] Re: Another Fireball

From: Dave N Parker <kg4fta@juno.com>
Date: Sat, 9 Dec 2000 23:17:18 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123824-2000.12.09-23.31.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SSID identifies different stations using the same callsign.
I think it stands for Single Station ID.
That's a guess though....
The fireballs are fairly common, maybe old satellites,
maybe large meteors, who knows?

73 DE KG4FTA, Dave
EM67GJ
VHF Weak Signal Operator

On Sat, 9 Dec 2000 22:32:23 -0600 "jeff dover" <ku4ww@hiwaay.net> writes:
> Just before bedtime at about 05:00 utc Friday night, I stepped
> outside the
> shack to check out the skys. As I was looking east and almost
> straight
> overhead, I saw a startling Fireball. It lasted for about 2 seconds,
> but was
> very bright under a moonlit sky. The direction of travel appeared to
> be
> north. It was different from a meteor. It seemed to explode and then
> move
> north until fading. The length of travel was about two hands width.
> By the
> way, I'm new to the Propnet. Can someone tell me what SSID stands
> for. Tnx.
>
> 73 de Jeff KU4WW em54wq
> ----- Original Message -----
> From: "TAPR APRS PropNet Discussion Group digest"
> <propnet@lists.tapr.org>
> To: "propnet digest recipients" <propnet@lists.tapr.org>
> Sent: Friday, December 08, 2000 11:02 PM
> Subject: propnet digest: December 08, 2000
>
>
> > TAPR APRS PropNet Discussion Group Digest for Friday, December 08,
> 2000.
> >
> > 1. FIREBALL!
> > 2. Re: Next Meteor Event?
> > 3. Re: Next Meteor Event?
> > 4. Re: FIREBALL!
> > 5. RE: FIREBALL!
> > 6. Re: Next Meteor Event?
> > 7. Re: FIREBALL!
> > 8. Re: FIREBALL!
> > 9. Re: FIREBALL!
> > 10. Re: FIREBALL!
> > 11. Re: Next Meteor Event?
> > 12. Re: FIREBALL!
> > 13. Re: Next Meteor Event?
> > 14. Re: Next Meteor Event?
> >
> >
> --
> >
> > Subject: FIREBALL!
> > From: Earl Needham <KD5XB@AMSAT.ORG>
> > Date: Thu, 07 Dec 2000 18:17:56 -0700
> > X-Message-Number: 1
> >
> >
> >   I know some of you will be interested --
> >
> >   I saw an incredible fireball yesterday afternoon, just

> before 5 PM
> > MOUNTAIN time. I was at about 35d 25m 10s North, 103d 07m 32s
> West,
> facing
> > east, when I saw what I initially though was an afterburner flame
> from a
> > jet fighter. It was moving from northeast to southwest.
> >   I was really confused, as I couldn't find the airplane. And
> then it
> > appeared as if the afterburner was having problems and the plane
> might
> > crash. About then I started to get wise, and I noticed the flame
> was
> > greenish. After about 2 or 3 seconds of this, the fireball broke
> up into
> > about 3 pieces, and shortly thereafter, the flames went out and I
> lost the
> > object(s).
> >
> >   Neat, huh?
> >
> >   Earl
> >
> > Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> > Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or
> so)
> >
> > Pet peeve: breath is a noun, breathe is a verb (When you take a
> breath,
> > you breathe...)
> >
> >
> >
> --
> >
> > Subject: Re: Next Meteor Event?
> > From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
> > Date: Fri, 08 Dec 2000 05:44:50 -0500
> > X-Message-Number: 2
> >
> > We have an opportunity of making history . . .
> >
> > The 2-meter BEACONet frequency (147.585) is:
> > 1. the highest 2-meter frequency on which meteor
> >   scatter propagation (of any mode) has been docu-
> >   mented.
> > 2. the highest frequency on which amateur packet-
> >   based meteor scatter propagation has been docu-
> >   mented.
> >
> > A success on 223.78 would be very cool to have documented,
> > if possible. Additionally, this is probably the last
> > opportunity to do so until spring time as I know of no other
> > showers with either the speed or volume to likely support
> > higher frequency attempts.
> >
> > We learned some extremely interesting things during the
> > Leonids '00 event (who'd have thought that a station that is
> > equipped with a monopole antenna [1-element] could be copied
> > by another monopole-equipped station on meteor scatter--yet
> > that happened *twice* by *different* stations!).
> >
> > Given the low probability of activity on 223-MHz by other
> > BEACONet-ers, I'd doubt much dilution will take place...so,
> > who's up to the challenge to attempt the first 125cm packet
> > meteor reception? :o)
> >
> > Ev, W2EV
> > Potentially: W2EV>CQ223-7:[FN03XD]
> > Notice the slight change? :o) The jury is still out, but it
> > seems like a nice place to put the antenna pointing
> > indicator while maintaining the callsign's SSID for other
> > uses. In this case, the inference is that my antenna will
> > be pointed at "7 o'clock" from my position.
> >
> >
> >
> >
> --

> >
> > Subject: Re: Next Meteor Event?
> > From: "Steve Nielson" <snielson@iname.com>
> > Date: Fri, 8 Dec 2000 06:53:12 -0600
> > X-Message-Number: 3
> >
> > 223 ... seems interesting. Is there any activity left on 2 M or
> is that
> > history already?
> >
> > I'm not sure how many of us will fall away for a while since MANY
> rigs
> > support 2 M and 70 cm but not 123 cm. I know I can't operate in
> that band
> > now.
> >
> > -----Original Message-----
> > From: bounce-propnet-21059@lists.tapr.org
> > [mailto:bounce-propnet-21059@lists.tapr.org]On Behalf Of Ev Tupis
> (W2EV)
> > Sent: Friday, December 08, 2000 4:45 AM
> > To: TAPR APRS PropNet Discussion Group
> > Subject: [propnet] Re: Next Meteor Event?
> >
> >
> > We have an opportunity of making history . . .
> >
> > The 2-meter BEACONet frequency (147.585) is:
> > 1. the highest 2-meter frequency on which meteor
> >   scatter propagation (of any mode) has been docu-
> >   mented.
> > 2. the highest frequency on which amateur packet-
> >   based meteor scatter propagation has been docu-
> >   mented.
> >
> > A success on 223.78 would be very cool to have documented,
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> > showers with either the speed or volume to likely support
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> > equipped with a monopole antenna [1-element] could be copied
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> > Ev, W2EV
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> > seems like a nice place to put the antenna pointing
> > indicator while maintaining the callsign's SSID for other
> > uses. In this case, the inference is that my antenna will
> > be pointed at "7 o'clock" from my position.
> >
> >
> >
> > ---
> > You are currently subscribed to propnet as: n5qc@arrl.net
> > To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
> >
> >
> >
> >
> --
> >
> > Subject: Re: FIREBALL!
> > From: "Bob Naumann - N5NJ" <n5nj@gte.net>
> > Date: Fri, 8 Dec 2000 13:16:55 -0000
> > X-Message-Number: 4
> >
> > I'm not sure if this is the case, but two dead Iridium satellites
> were

> > expected to enter the atmosphere and burn up about now.
> >
> > These two were non-functional and out of control for a long time.
> >
> > This has nothing to do with the bankruptcy of Iridium.
> >
> > Robert E. Naumann
> > N5NJ / V26O
> > N5NJ@arrl.net
> > www.qsl.net/n5nj
> > Plano, TX USA
> > ex KR2J, V26RN, W6V, WA2OVE
> > ----- Original Message -----
> > From: "Earl Needham" <KD5XB@AMSAT.ORG>
> > To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
> > Sent: Friday, December 08, 2000 01:17
> > Subject: [propnet] FIREBALL!
> >
> >
> > >
> > >   I know some of you will be interested --
> > >
> > >   I saw an incredible fireball yesterday afternoon, just
> before
> > 5 PM
> > > MOUNTAIN time. I was at about 35d 25m 10s North, 103d 07m 32s
> West,
> > facing
> > > > east, when I saw what I initially though was an afterburner
> flame
> > from a
> > > > jet fighter. It was moving from northeast to southwest.
> > >   I was really confused, as I couldn't find the airplane.
> And
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> > into
> > > > about 3 pieces, and shortly thereafter, the flames went out and
> I
> > lost the
> > > > object(s).
> > > >
> > >   Neat, huh?
> > >
> > >   Earl
> > >
> > > Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> > > Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or
> so)
> > >
> > > Pet peeve: breath is a noun, breathe is a verb (When you take a
> > breath,
> > > > you breathe...)
> > > >
> > > >
> > > > ---
> > > > You are currently subscribed to propnet as: n5nj@gte.net
> > > > To unsubscribe send a blank email to
> > leave-propnet-1548K@lists.tapr.org
> > > >
> > >
> > >
> > >
> > >
> > --
> > >
> > > Subject: RE: FIREBALL!
> > > From: "Smith, Tim" <n1btq@ne.mediaone.net>
> > > Date: Fri, 8 Dec 2000 10:16:32 -0500
> > > X-Message-Number: 5
> > >
> > > Earl said, "I saw an incredible fireball yesterday afternoon..."
> > >
> > > I'll take a couple of hits of that too...

> >
> >
> > :-)
> >
> > 73,
> >
> > Tim N1TI
> > [FN41NP]
> > 147.585
> > 53.53
> >
> >
> >
> ----------
> >
> > Subject: Re: Next Meteor Event?
> > From: RickfordG@aol.com
> > Date: Fri, 8 Dec 2000 10:28:33 EST
> > X-Message-Number: 6
> >
> >
> > --part1_7b.d3823e5.27625821_boundary
> > Content-Type: text/plain; charset="US-ASCII"
> > Content-Transfer-Encoding: 7bit
> >
> > In a message dated 12/07/2000 6:44:53 PM Eastern Standard Time,
> > propnet@greeceny.com writes:
> >
> >
> > > So...anyone wanna try a 223.78-MHz meteor mode contact?
> > >
> > > I can muster 4-elements and 200-watts from here!
> > >
> > >
> >
> >   I am working on an 8 element quad for 223.78 and should have
> it
> > completed in time. Power out will be 110 watts.
> >
> > Here is my dilemma.
> > I will be able to work 2 bands if there is a DOS program that will
> let me
> > work meteor mode or if their is a way to set up the my other tnc
> without
> such
> > a program. Any advice?
> >
> > Thanks
> >
> > Rich WD4RBX EM84NM
> > rickfordg@aol.com
> >
> > --part1_7b.d3823e5.27625821_boundary
> > Content-Type: text/html; charset="US-ASCII"
> > Content-Transfer-Encoding: 7bit
> >
> > <HTML><FONT FACE=arial,helvetica><FONT SIZE=2>In a message dated
> 12/07/2000 6:44:53 PM Eastern Standard Time,
>
propnet@greeceny.com
> writes:
> >
> >
> >
<BLOCKQUOTE TYPE=CITE style="BORDER-LEFT: #0000ff 2px solid;
> MARGIN-LEFT: 5px; MARGIN-RIGHT: 0px; PADDING-LEFT: 5px">So...anyone
> wanna
> try a 223.78-MHz meteor mode contact?
> >
> >
I can muster 4-elements and 200-watts from here!
> >
> >
</BLOCKQUOTE>
> >
> >
      I am working on an 8 element
> quad for
> 223.78 and should have it
completed in time. Power out will be
> 110
> watts.
> >
> >
 Here is my dilemma.
> >
I will be able to work 2 bands if there is a DOS program that

> will let
> me
work meteor mode or if their is a way to set up the my other
> tnc
> without such
a program. Any advice?
> >
> >
Thanks
> >
> >
Rich WD4RBX EM84NM
> >
rickfordg@aol.com</FONT></HTML>
> >
> > --part1_7b.d3823e5.27625821_boundary--
> >
> >
> --
> >
> > Subject: Re: FIREBALL!
> > From: KC7ZRU - Casper <kc7zru@arrl.net>
> > Date: Fri, 08 Dec 2000 10:00:00 -0700
> > X-Message-Number: 7
> >
> > Similar experience here about 3 weeks ago Earl,
> >
> > On I-25 at the NW corner of Casper, WY headed North - big, green
> light
> > moving rapidly from slightly S of E to just a tad N of W. Fairly
> cloudy
> > - clued into what it was when it lit up the clouds on either side
> as it
> > managed to pass through a gap. Big enough and looked close enough,
> I
> > pulled over - killed the engine, rolled down the window and was a
> bit
> > disappointed to not hear anything. Something that big and bright
> > should've made some kind of noise - at least, so I thaught at the
> time.
> >
> > Pretty durn impressive none the less!
> >
> > wonder if I'll go blind now...
> >   (reach back into movie history for that one!)
> > 73
> >
> > Earl Needham wrote:
> > >
> > >   I know some of you will be interested --
> > >
> > >   I saw an incredible fireball yesterday afternoon,
> > ::snipage::
> > >
> >
> > --
> >   /\
> > | No Longer in Laramie | Now in Casper |
> > | CARC Repeater 146.640(-) | DN62uu |
> > | ICQ/ICU# 82711454 | eGroups.com/RM-APRS |
> > | "The Dungeon" online at http://go.to/KC7ZRU |
> >   +++
> >
> >
> --
> >
> > Subject: Re: FIREBALL!
> > From: Dave N Parker <kg4fta@juno.com>
> > Date: Fri, 8 Dec 2000 13:21:55 -0800
> > X-Message-Number: 8
> >
> > Well, last fall about this time, I saw a green fireball, at my
> home here
> > near Madisonville, KY, in EM67GJ.
> > The size APPEARED to be about 1.5 feet in diameter,
> > and there was no "tail" to it, as is common in meteors.
> >
> > I am sure it was either a meteor or similar object.
> > It landed about 1/8 mile from me, and after I searched for it,
> > spending several hours, I concluded that it simply burned up
> > before it hit the ground.
> >
> > 73 DE KG4FTA
> > EM67GJ

> > David Parker
> >
> > _____
> > GET INTERNET ACCESS FROM JUNO!
> > Juno offers FREE or PREMIUM Internet access for less!
> > Join Juno today! For your FREE software, visit:
> > http://dl.www.juno.com/get/tagj.
> >
> >
> --
> >
> > Subject: Re: FIREBALL!
> > From: Earl Needham <kd5xb@amsat.org>
> > Date: Fri, 8 Dec 2000 14:12:33 -0600
> > X-Message-Number: 9
> >
> > >Well, last fall about this time, I saw a green fireball, at my
> home here
> > >near Madisonville, KY, in EM67GJ.
> > >The size APPEARED to be about 1.5 feet in diameter,
> > >and there was no "tail" to it, as is common in meteors.
> > >
> > >I am sure it was either a meteor or similar object.
> > >It landed about 1/8 mile from me,
> >
> > !!!
> > YOU ACTUALLY SAW IT ALL THE WAY TO THE GROUND? WOW! THAT'S
> > REALLY NEAT!!!
> >
> > Earl
> >
> > From the Ranchvale Elementary School Computer Laboratory
> >
> >
> >
> --
> >
> > Subject: Re: FIREBALL!
> > From: Jerry Flanders <jflanders2@home.com>
> > Date: Fri, 08 Dec 2000 16:25:41 -0500
> > X-Message-Number: 10
> >
> > If it was headed directly toward you, or nearly so, you would not
> see any
> > tail at all. The tail would be behind the fireball.
> >
> > I think it would be tough to guess how far away it hit. If it was
> really
> > that close, you might have heard something.
> >
> > Jerry W4UK
> >
> > At 01:21 PM 12/8/00 -0800, you wrote:
> > >Well, last fall about this time, I saw a green fireball, at my
> home here
> > >near Madisonville, KY, in EM67GJ.
> > >The size APPEARED to be about 1.5 feet in diameter,
> > >and there was no "tail" to it, as is common in meteors.
> > >
> > >I am sure it was either a meteor or similar object.
> > >It landed about 1/8 mile from me, and after I searched for it,
> > >spending several hours, I concluded that it simply burned up
> > >before it hit the ground.
> > >
> > >73 DE KG4FTA
> > >EM67GJ
> > >David Parker
> > >
> > >_
> >
> >
> >
> --
> >
> > Subject: Re: Next Meteor Event?
> > From: "RWeinkauf" <rweinkauf@msn.com>
> > Date: Fri, 8 Dec 2000 16:38:11 -0500
> > X-Message-Number: 11
> >

> > > "The Geminids, usually the best shower of the year, should
> > > peak in the period of Dec 13, 1700 UTC, to Dec 14, 0200
> > > UTC.
> > >
> > I'll be on from EN82HL, 147.585, 180w to a 10dB beam, azimuth 180
> degrees:
> > >
> > N8QLT>CQ147-6:[EN82HL]
> > >
> > I like this convention, and will use it.
> > >
> > Rich
> > >
> > _____________________________________
> > Rich Weinkauf, N8QLT
> > Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
> > HummerID 97.5 Fly Yellow Wagon
> > 1971 Kaiser M35A2 ** MVPA #20486
> > Load Warrior Website
> http://msnhomepages.talkcity.com/Terminus/loadwarrior/
> > M35 Cool Stuff Site   http://www.highprofilevehicles.com
> > _____________________________________
> > >
> > >
> > >
> > >
> --
> > >
> > Subject: Re: FIREBALL!
> > From: Clifford Buttschardt <cbuttsch@slonet.org>
> > Date: Fri, 8 Dec 2000 17:23:46 -0800 (PST)
> > X-Message-Number: 12
> > >
> > Man, if I ever got that close to a proposed landing, I would move
> heaven
> > and earth to find the impact point. Good luck! Cliff K7RR
> > >
> > On Fri, 8 Dec 2000, Earl Needham wrote:
> > >
> > > >Well, last fall about this time, I saw a green fireball, at my
> home
> here
> > > >near Madisonville, KY, in EM67GJ.
> > > >The size APPEARED to be about 1.5 feet in diameter,
> > > >and there was no "tail" to it, as is common in meteors.
> > > >
> > > >I am sure it was either a meteor or similar object.
> > > >It landed about 1/8 mile from me,
> > > >
> > > !!!
> > > YOU ACTUALLY SAW IT ALL THE WAY TO THE GROUND? WOW! THAT'S
> > > REALLY NEAT!!!
> > > >
> > > Earl
> > > >
> > > From the Ranchvale Elementary School Computer Laboratory
> > > >
> > > >
> > > ---
> > > You are currently subscribed to propnet as: cbuttsch@slonet.org
> > > To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
> > > >
> > > >
> > >
> > >
> > >
> --
> > >
> > Subject: Re: Next Meteor Event?
> > From: "Henry" <kb9cqo@rexnet.net>
> > Date: Fri, 8 Dec 2000 21:19:50 -0500
> > X-Message-Number: 13
> > >
> > No 220 caps in this shack. Sri.
> > >
> > 73 de Henry/kb9cqo
> > >
> > >

> >
> >
> --
> >
> > Subject: Re: Next Meteor Event?
> > From: "Steve Nielson" <snielson@iname.com>
> > Date: Fri, 8 Dec 2000 20:37:14 -0600
> > X-Message-Number: 14
> >
> > None here either -- any 2M activity planned?
> >
> > -----Original Message-----
> > From: bounce-propnet-21059@lists.tapr.org
> > [mailto:bounce-propnet-21059@lists.tapr.org]On Behalf Of Henry
> > Sent: Friday, December 08, 2000 8:20 PM
> > To: TAPR APRS PropNet Discussion Group
> > Subject: [propnet] Re: Next Meteor Event?
> >
> >
> > No 220 caps in this shack. Sri.
> >
> > 73 de Henry/kb9cqo
> >
> >
> >
> > ---
> > You are currently subscribed to propnet as: n5qc@arrl.net
> > To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
> >
> >
> >
> >
> >
> > ---
> >
> > END OF DIGEST
> >
> > ---
> > You are currently subscribed to propnet as: ku4ww@hiwaay.net
> > To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
> >
>
>
> ---
> You are currently subscribed to propnet as: kg4fta@juno.com
> To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
>

73 DE KG4FTA, Dave
EM67GJ
VHF Weak Signal Operator

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

61. [propnet] The -SSID thing

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 10 Dec 2000 06:19:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123872-2000.12.10-06.16.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Can someone tell me what SSID stands for. Tnx.

Hi Jeff,
And welcome to BEACONet/PropNET!

In the AX.25-based packet world, the MYCALL parameter has a

length of 6 bytes.

If an amateur has more than one packet station and wishes to
use their assigned callsign in each of them, they can take
advantage of the Supplimental Station IDentifier, which is a
1-byte field that can accept a Hex numeric value. When
transmitted, it appears in Decimal format as MYCALL-#.
Since it is Hex, any value from 0 to 15 may be used
(MYCALL-0 through MYCALL-15)

Also of interest is the fact that an -SSID is always
transmitted. If none is displayed, it can be assumed that
it is being transmitted as "-0". This is why embedding the
Antenna direction as the -SSID in the CQ-To-Field costs
BEACONet-ers nothing, nada, zero in terms of additional
transmit time!

More information on -SSID can be gotten from your TNC's
manual as well.

It's good to have you on-board, Jeff!
Regards,
Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

62. [propnet] Re: Talk about propagation!!!

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 10 Dec 2000 06:23:06 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123873-2000.12.10-06.19.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The Phaser-like device uses two beams of UV
> radiation to ionize paths in the air along
> which electrical current is conducted to and
> from the target. In effect, the beams create
> wires through the atmosphere wherever they
> are pointed.
> >
> >Want to know more, check out the web site:
> >http://www.hsvt.org/

Cool, Earl! With enough of these puppies out there, we
ought to be able to establish our own ionized trails at
will.

As law enforcement uses these more and more, BEACONet could
be used to track pockets of civil disobedience! ;-)

Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

63. [propnet] Re: FIREBALL!

From: "Joe Pupecki" <jpupecki@mediaone.net>
Date: Sun, 10 Dec 2000 09:49:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123913-2000.12.10-09.00.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you ever come to a firm conclusion as to what it was, I would love to
hear about it...

N1MNU

----- Original Message -----
From: "Earl Needham" <KD5XB@AMSAT.ORG>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, December 09, 2000 9:19 PM

Subject: [propnet] Re: FIREBALL!

> At 02:38 PM 12/9/00 -0500, Joe Pupecki blasted the following out into the
> ether:
> >what state is Clovis in?
>
>   New Mexico...
>
>   7 3
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: jpupecki@mediaone.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

64. [propnet] Re: 223.780 MHz

From: RickfordG@aol.com
Date: Sun, 10 Dec 2000 16:30:58 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123963-2000.12.10-15.43.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ev

I managed to get 8 elements at about 20 feet for 223.780 and power out will
be 110 watts. Do you think I have enough going for us to try it on 223.780 ?
If so let me know when and what beam heading I should use? I think 45 degrees
is right.

Rich
WD4RBX EM84NM

65. [propnet] Re: 223.780 MHz

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 10 Dec 2000 19:12:23 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123982-2000.12.10-18.42.44--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, Rich!
Point your antenna at 22-degrees (approx. 1 o'clock, by the way) and
you're on me! Fantastic! It's a little long (over 1,000 km), but you
never know unless you try. Our ERP is about the same (I have half the
antenna and twice the power). I'll recheck the times, but am prepared
to start tomorrow night (I can run from about 11:00 pm until 9:00 am
local due to TVI). How's about you?
Ev
Ain't tryin' to make history cool? :o)

RickfordG@aol.com wrote:

> Hi Ev
>
> I managed to get 8 elements at about 20 feet for 223.780 and power out
> will
> be 110 watts. Do you think I have enough going for us to try it on
> 223.780 ?
> If so let me know when and what beam heading I should use? I think 45
> degrees
> is right.
>
> Rich
> WD4RBX EM84NM

66. [propnet] Leonids Screen Shots

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 10 Dec 2000 19:15:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123983-2000.12.10-18.46.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've received and posted two new screen shots from Leonids 2000 on the
BEACONet website. They are from WY1U (CT) and KJ4X (SC). You can check
'em out by hitting http://go.to/BEACONet and selecting the hyperlink
titled "Working Proof".

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

67. [propnet] Antenna Direction Protocol

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 10 Dec 2000 19:27:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123984-2000.12.10-18.47.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Folks,
If anyone is planning on using the antenna direction protocol as part of
their transmit frame, here's the scoop on the format:

Embed into the CQ-field-SSID as follows:
-0 = undefined direction (either don't know, or don't want anyone to
know)
-1 = 30-degrees +/-15 degrees = 1 o'clock position on a clock
-2 = 60-degrees +/-15 degrees = 2 o'clock position on a clock
-3 = 90-degrees +/-15 degrees = 3 o'clock position on a clock
-4 = 120degrees +/-15 degrees = 4 o'clock position on a clock
-5 = 150degrees +/-15 degrees = 5 o'clock position on a clock
-6 = 180degrees +/-15 degrees = 6 o'clock position on a clock
-7 = 210degrees +/-15 degrees = 7 o'clock position on a clock
-8 = 240degrees +/-15 degrees = 8 o'clock position on a clock
-9 = 270degrees +/-15 degrees = 9 o'clock position on a clock
-10= 300degrees +/-15 degrees = 10 o'clock position on a clock
-11= 330degrees +/-15 degrees = 11 o'clock position on a clock
-12= 0 or 360   +/-15 degrees = 12 o'clock position on a clock
-13= undefined
-14= undefined
-15= OMNIDIRECTIONAL

If your 2-meter BEACONet antenna is pointing at 270-degrees (West), then
launch your frames with the TO-Field of: CQ147-9. If you are using an
omnidirectional antenna, launch with a To-Field of simply CQ147.

Give it a try and see what happens, if you are going to experiment
during the Geminids!

Ev, W2EV

68. [propnet] Re: Antenna Direction Protocol

From: sixersixer@att.net
Date: Mon, 11 Dec 2000 02:36:57 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-123997-2000.12.10-20.48.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

LOOKS GOOD TO ME AND WILL WORK WITH MY BEARING ABACUS
HIHI -KE4WBO EL96VW-

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

69. [propnet] Re: 223.780 MHz

From: RickfordG@aol.com
Date: Sun, 10 Dec 2000 22:41:00 EST

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124010-2000.12.10-21.52.47--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 12/10/2000 7:35:30 PM Eastern Standard Time,
propnet@greeceny.com writes:

>). I'll recheck the times, but am prepared to start tomorrow night (I can
> run from about 11:00 PM until 9:00 am local due to TVI). How's about you?
>

I can run at any time. TVI not a problem. The only problem that may crop up
is no sun shine on the solar panels. The rig and amp run on solar power. 380
watt array and 660 Amp Hour battery bank. I feel confident that the duty
cycle of meteor mode is such that I should be able to run 2 or 3 days without
sun and rain is predicted for tomorrow night. If you want Ill start tomorrow
AM. and let it run till Wednesday PM. Don,t want to miss a nice rock :-)

I heard quite a few short bursts today on 50.125.

Trying to make history with solar power really excites me.

70. [propnet] Local time or UTC?

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 11 Dec 2000 01:04:03 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124032-2000.12.11-00.15.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a "correct" time for the MS packet beacon info? In the Leonids,
the computer I used for UI-View was set to EST, but now I am operating
UI-View from my main ham computer, which is on UTC, and the packets are
going out with UTC time-stamped packets.

Should I change anything here? I presume UTC would be preferred???

Jerry W4UK Now beaming 1 o'clock from EM93AN

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

71. [propnet] Re: Local time or UTC?

From: Roger Barker <roger@peaksys.co.uk>
Date: Mon, 11 Dec 2000 08:57:45 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124051-2000.12.11-03.12.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-124032-2000.12.11-00.15.35--roger#peaksys.co.uk@lis
ts.tapr.org>, Jerry Flanders <jflanders2@home.com> writes
>Is there a "correct" time for the MS packet beacon info? In the Leonids,
>the computer I used for UI-View was set to EST, but now I am operating
>UI-View from my main ham computer, which is on UTC, and the packets are
>going out with UTC time-stamped packets.

There's no time stamp on the transmitted meteor mode packets. The time
stamp on your screen is added when the packet is decoded.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

72. [propnet] DUH! Re: Antenna Direction Protocol

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Mon, 11 Dec 2000 06:42:53 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124054-2000.12.11-06.31.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In my typing haste, I made a mistake in my examples and used
a modifier incorrectly.

Use *no* SSID if you wish to leave your Antenna Direction as
"Unknown" or if you wish to not participate in this facet of
the experiment. Stations without an SSID in their
"CQ-field" should be understood in this way.

Use -15 in your "CQ-field" if you want others to know that
you are using an omnidirectional antenna.

I've recreated the table below for your convenience:

** NOTE: All designations have an accuracy of **
** +/- 15-degrees, quite sufficient for us.   **

Antenna Directivity	Clock Position (station @ Center)	CQ-field SSID Used	Compass Value
Undisclosed	n/a	-0 (or none)	N/A
30-degrees	1 o'clock	-1	
60-degrees	2 o'clock	-2	
90-degrees	3 o'clock	-3	East
120-degrees	4 o'clock	-4	
150-degrees	5 o'clock	-5	
180-degrees	6 o'clock	-6	South
210-degrees	7 o'clock	-7	
240-degrees	8 o'clock	-8	
270-degrees	9 o'clock	-9	West
300-degrees	10 o'clock	-10	
330-degrees	11 o'clock	-11	
360/0-degr.	12 o'clock	-12	North
Omni	N/A	-15	All

NOTE: -13 and -14 are unused in this model.

Examples:

Frequency	Antenna	CQ-field SSID Value
53.53	Omni vertical	CQ53-15
53.53	South-facing beam	CQ53-6
147.585	North-East faced beam	CQ147-1 or CQ147-2
147.585	West facing beam	CQ147-9
147.585	I dunno/I don't care	CQ147
223.78	South West faced beam	CQ223-7
223.78	North-West faced beam	CQ223-10 or CQ223-11

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

73. [propnet] Re: FIREBALL!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 10 Dec 2000 07:58:11 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124058-2000.12.11-09.02.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:49 AM 12/10/00 -0500, Joe Pupecki blasted the following out into the
ether:
>If you ever come to a firm conclusion as to what it was, I would love to
>hear about it...
>
>N1MNU

      I suspect it was a large meteor, since re-entering satellites haven't
made any of the papers. As I understand it, they don't de-orbit sats over
populated areas anyway, so it would almost HAVE to be a meteor. That, and
the fact that it appeared to be in a retrograde orbit from my position. It
almost fits in with the Leonids...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG

Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

74. [propnet] Digi in UI-View

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 10 Dec 2000 09:53:55 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124059-2000.12.11-09.05.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I run both WinAPRS 2.4.7 and UI-View 1.38 here at home. WinAPRS
(KD5XB-2_ for the Precision Mapping, and UI-View (KD5XB-6) for the digi
functions. I run them both on the same machine, using AGWPE as the interface.

      In MY opinion, this is pretty slick...

      Just one thing -- how can I prevent UI-View (KD5XB-6) from repeating
packets from KD5XB-2? That's about the only irritating thing in this whole
setup.

      Thanks,
      Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

75. [propnet] Simultaneous 6 and 2 M Meteor Scatter transmissions?

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 11 Dec 2000 10:26:27 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124061-2000.12.11-09.38.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a clear legal problem when transmitting simultaneously on both
bands? How do we get around this?

I see that as soon as I get up a 6M antenna, I could do both bands. What
are the legal limitations, if any, here in USA.

Jerry W4UK

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

76. [propnet] Re: Simultaneous 6 and 2 M Meteor Scatter transmissions?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 11 Dec 2000 16:31:09 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124105-2000.12.11-17.44.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:26 AM 12/11/00 -0500, Jerry Flanders blasted the following out into
the ether:
>Is there a clear legal problem when transmitting simultaneously on both
>bands? How do we get around this?
>
>I see that as soon as I get up a 6M antenna, I could do both bands. What
>are the legal limitations, if any, here in USA.

      I don't think there's any problem at all -- what brought up this

question?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

77. [propnet] 223.78 beacon

From: RickfordG@aol.com
Date: Mon, 11 Dec 2000 20:53:00 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124117-2000.12.11-20.04.55--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev
I will fire up my beacon at 10 PM tonight and let it run till 7/ 7:30 AM.
tomorrow.

Rich
WD4RBX EM84NM

78. [propnet] KB0OBT EN35kb on for Geminids, 147

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Mon, 11 Dec 2000 21:21:52 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124140-2000.12.11-21.36.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

KB0OBT EN35kb on for Geminids on 147.585.

The station is up in meteor mode. 50W to omni-vertical (j-pole) in EN35kb.
 I'll run from evening until early morning ... about 9:00 pm to 7:00 am
CST.

Question: though the setup calls for a 15 second duration, I'm only seeing
the KPC-3 transmit for about 5 seconds.

What's up here?
-Bryan (colleenlaplante@mn.mediaone.net)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

79. [propnet] Re: KB0OBT EN35kb on for Geminids, 147

From: Jerry Flanders <jflanders2@home.com>
Date: Mon, 11 Dec 2000 23:48:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: colleenlaplante@mn.mediaone.net
Message-ID: <LYR1548-124144-2000.12.11-23.00.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you are using Ui-View, try lengthening the time called for. I am
actually getting a 13 second transmit cycle by asking for 25 seconds. The
standard 15 second spec only gave me about 6-7 seconds actual beaconing time.

I am now on 147.585 also, running 24/7 in Meteor mode with 100 watts into a
small beam pointed to one o'clock

Jerry W4UK EM93an

Jerry W4UK

At 09:21 PM 12/11/00 -0600, you wrote:
>KB0OBT EN35kb on for Geminids on 147.585.
>
>The station is up in meteor mode. 50W to omni-vertical (j-pole) in EN35kb.
> I'll run from evening until early morning ... about 9:00 pm to 7:00 am

>CST.
>
>Question: though the setup calls for a 15 second duration, I'm only seeing
>the KPC-3 transmit for about 5 seconds.
>
>What's up here?
>-Bryan (colleenlaplante@mn.mediaone.net)
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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80. [propnet] Re: DUH! Re: Antenna Direction Protocol

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 11 Dec 2000 16:33:02 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124192-2000.12.12-01.14.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:42 AM 12/11/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>Use -15 in your "CQ-field" if you want others to know that
>you are using an omnidirectional antenna.

      I have to confess that I am still running KD5XB-2 on 2 meters, and
KD5XB-6 on 6 meters. I feel COMFORTABLE with those SSID's, but I suspect
I'll be changing both to -15 soon.

      I was a little busy, and never got to weigh in with my opinion, but
somehow, I think the old -BAND for an SSID (-2, -6) was easiest.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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81. [propnet] Re: Antenna Direction Protocol

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 11 Dec 2000 16:34:19 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124196-2000.12.12-01.16.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:27 PM 12/10/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>-15= OMNIDIRECTIONAL
>
>If your 2-meter BEACONet antenna is pointing at 270-degrees (West), then
>launch your frames with the TO-Field of: CQ147-9. If you are using an
>omnidirectional antenna, launch with a To-Field of simply CQ147.

      Uh -- omni is -15? Or -0, as given above?

      Confused,
      Earl

>Give it a try and see what happens, if you are going to experiment during
>the Geminids!
>
>Ev, W2EV
>

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

82. [propnet] Re: Simultaneous 6 and 2 M Meteor Scatter transmissions?

From: Jerry Flanders <jflanders2@home.com>
Date: Tue, 12 Dec 2000 10:03:08 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124217-2000.12.12-09.14.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:31 PM 12/11/00 -0700, you wrote:
>At 10:26 AM 12/11/00 -0500, Jerry Flanders blasted the following out into
>the ether:
>>Is there a clear legal problem when transmitting simultaneously on both
>>bands? How do we get around this?
>>
>>I see that as soon as I get up a 6M antenna, I could do both bands. What
>>are the legal limitations, if any, here in USA.
>
>   I don't think there's any problem at all -- what brought up this
>question?
>
>   7 3
>   Earl
>

What brought up this question? - Stupidity, I guess.

I am more familiar with contesting operations on HF, and I was aware that
multiple transmitter stations take great care to never operate
simultaneously on two different bands at the same time. I now realize this
is a contest qualification requirement, and not an FCC requirement.

When I get the 6M antenna up, I will operate the two simultaneously. Looks
like two different copies of Ui-View operating two different TNCs, all
operating from the same PC clock should keep everything synchronized.

Thanks for the info.

Jerry W4UK EM93an

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83. [propnet] Lets rock

From: RickfordG@aol.com
Date: Tue, 12 Dec 2000 17:09:59 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124271-2000.12.12-16.23.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sky watchers in the northern hemisphere will see the Geminids radiant
(denoted by a red dot) about 60 degrees above the southern horizon before
dawn on Dec. 13th. Observers in the southern hemisphere, where the radiant
will be just 30 degrees above the northern horizon at dawn, should rotate
this sky map 90 degrees clockwise.
No matter where you live, the best time to watch will be during the hours
before dawn on Wednesday, Dec. 13th, and again on Thursday, Dec. 14th. The <A
HREF="http://comets.amsmeteors.org/meteors/december_radiants.html">
nominal peak</A> of the shower will occur at 1704 <A
HREF="http://comets.amsmeteors.org/defut.html">UT</A> on Dec. 13th, but the
Geminid maximum is relatively long-lasting. Meteor enthusiasts are likely to
spot a good number of shooting stars on both Wednesday and Thursday mornings.
Geminid meteors will streak away from a radiant point in the constellation
Gemini. Geminids can appear anywhere in the sky, but their trails will point
back toward the radiant, which will lie some 60 degrees above the southern
horizon at 4 am as seen from mid-northern latitude observing sites

Are you ready to rock ? :-)))
Rich
WD4RBX EM84NM

PS I will be on 223.78 starting at 10:00 PM Till about 7:00 AM. Tuesday,
Wednesday and Thursday.

84. [propnet] NTX stations ?

From: "Bob Naumann - N5NJ" <n5nj@gte.net>
Date: Tue, 12 Dec 2000 22:55:33 -0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124276-2000.12.12-17.07.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was hearing 4 other NTX stations until after the Leonids event - now
they're all gone.

Where'd they go ?

Robert E. Naumann
N5NJ / V26O
N5NJ@arrl.net
www.qsl.net/n5nj
Plano, TX USA
ex KR2J, V26RN, W6V, WA2OVE

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

85. [propnet] Re: NTX stations ?

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Wed, 13 Dec 2000 17:11:08 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124277-2000.12.12-17.18.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Bob, et al:

I should be back on the air for the Geminids later tonight.

Callsign N5YJP
Gridsquare EM12pu (Dallas, TX)
5-el beam @ 50 watts
Direction undecided

Hope to see everyone/be seen on the map soon!
Happy (&safe!) Holidays,
Mark

Bob Naumann - N5NJ wrote:
>
> I was hearing 4 other NTX stations until after the Leonids event - now
> they're all gone.
>
> Where'd they go ?
>
> Robert E. Naumann
> N5NJ / V26O
> N5NJ@arrl.net
> www.qsl.net/n5nj
> Plano, TX USA
> ex KR2J, V26RN, W6V, WA2OVE
>
> ---
> You are currently subscribed to propnet as: mark.waldron@bigfoot.com
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

--

UNIX/NT Systems Engineer/Consulting
Web Site Construction & Maintenance
UNIX, MCSE, MCP+I

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86. [propnet] Re: Simultaneous 6 and 2 M Meteor Scatter transmissions?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Tue, 12 Dec 2000 16:16:30 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-124278-2000.12.12-17.29.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:03 AM 12/12/00 -0500, Jerry Flanders blasted the following out into
the ether:
><snip>
>What brought up this question? - Stupidity, I guess.

      I'm sorry, Jerry, I didn't use the best verbiage when I asked my
question. I certainly didn't mean to imply anything by it. Please accept
my apologies.

><snip>
>When I get the 6M antenna up, I will operate the two simultaneously. Looks
>like two different copies of Ui-View operating two different TNCs, all
>operating from the same PC clock should keep everything synchronized.

      Let me tell you about my operation.

      I run both WinAPRS 2.4.7 AND UI-View32 1.38 on the same machine, with
AGWPE interfacing it all. This lets me use the Precision Mapping maps
for great detail, and lets me use UI-View32 for the Meteor Mode and digi
functions. When I need better clock accuracy, I simply plug my GPS into
another comm port and tell UI-View32 to set the PC clock from the GPS.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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87. [propnet] GEMINIDS METEOR SHOWER REGISTRATION PAGE OPEN

From: Richard Parry <rparry@qualcomm.com>
Date: Tue, 12 Dec 2000 17:37:01 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Cc: rparry@qualcomm.com
Message-ID: <LYR1548-124292-2000.12.12-19.49.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GEMINIDS METEOR SHOWER REGISTRATION PAGE NOW OPEN
Web Page registration is now available for those who will be participating
in the upcoming December Geminids Meteor Shower event. The purpose of
registering is to provide a real-time list of participants. This should
expedite communication and increase the chances of success. It should take
about 1 minute to complete. Click on the URL below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

I got interested in this facet of amateur radio after reading the article
by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of
success could be increased if I knew who was participating so I knew where
to point the beam. It was out of this need that I developed this
registration page. I hope that you find it useful. For those interested in
more information, the Nov 1999 QST article by W2EV and the Nov 2000 issue
of QST (page 28 and 83) may be useful.

Rich Parry, W9IF
Rich Parry

88. [propnet] Re: Simultaneous 6 and 2 M Meteor Scatter transmissions?

From: Jerry Flanders <jflanders2@home.com>
Date: Tue, 12 Dec 2000 23:57:18 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124317-2000.12.12-23.09.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:16 PM 12/12/00 -0700, you wrote:
><SNIP> When I need better clock accuracy, I simply plug my GPS into
>another comm port and tell UI-View32 to set the PC clock from the GPS.
>

>   7 3
>   Earl
>
>
>Earl Needham, KD5XB

NEAT. I didn't know UI-View could do this. I was looking for a way to
improve the accuracy of the PC clock (my ham computer is not on the
internet). I have a GPS in my truck for navigation on camper trips, and
probably won't rip it out for this, but at least now I know to be on the
lookout for a cheap GPS in the future.

How about a tips page from pros like you - if you could write up tips like
this for the beaconnet page, it would really help get us newbies up to
speed faster.

Jerry W4UK

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

89. [propnet] Re: Simultaneous 6 and 2 M Meteor Scatter transmissions?

From: Roger Barker <roger@peaksys.co.uk>
Date: Wed, 13 Dec 2000 08:25:26 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124349-2000.12.13-02.38.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-124317-2000.12.12-23.09.00--roger#peaksys.co.uk@lis
ts.tapr.org>, Jerry Flanders <jflanders2@home.com> writes
>At 04:16 PM 12/12/00 -0700, you wrote:
>><SNIP> When I need better clock accuracy, I simply plug my GPS into
>>another comm port and tell UI-View32 to set the PC clock from the GPS.
>>
>>   7 3
>>   Earl
>>
>>
>>Earl Needham, KD5XB
>
>NEAT. I didn't know UI-View could do this.

Also, UI-View32 includes an internet time client for setting the PC
clock.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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90. [propnet] Re: Simultaneous 6 and 2 M Meteor Scatter transmissions?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 13 Dec 2000 06:55:17 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124375-2000.12.13-08.08.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:25 AM 12/13/00 +0000, Roger Barker blasted the following out into the
ether:
><snip>
>Also, UI-View32 includes an internet time client for setting the PC
>clock.

      That's true, but I have this suspicion that the GPS is a bit more
accurate...

      Thanks, Roger --
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

91. [propnet] Re: GEMINIDS METEOR SHOWER REGISTRATION PAGE OPEN

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Wed, 13 Dec 2000 18:29:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124442-2000.12.13-18.36.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>GEMINIDS METEOR SHOWER REGISTRATION PAGE NOW OPEN

>Web Page registration is now available for those who will be participating
in the upcoming December Geminids Meteor Shower event. The purpose of
registering is to provide a real-time list of participants.

One thing I ran into when trying to register is the system doesn't seem to
want to accept my registration if I use the same callsign as I did for the
Leonids. I had to register with N8QLT-5 to get the database to accept the
responses. When I used N8QLT, I got an error.

Just FYI,

Rich
_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
HummerID 97.5 Fly Yellow Wagon
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

92. [propnet] NO 223.78 tonight

From: RickfordG@aol.com
Date: Wed, 13 Dec 2000 21:05:58 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124452-2000.12.13-20.18.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ev
I am iced up and SWR out the roof no beacon tonight.
sorry
Rich
wd4rbx
em84nm

93. [propnet] Re: KB0OBT EN35kb on for Geminids, 147

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 12 Dec 2000 05:14:02 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124469-2000.12.13-21.12.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Question: though the setup calls for a 15 second
> duration, I'm only seeing the KPC-3 transmit for
> about 5 seconds.

Bryan,
You don't mention the type of TNC that you are using, but
I'm thinking that its' an older model (maybe a PK232 or
similar?). Roger has mentioned that shorter transmit times
are normally an indication of a TNC with a small amount of
RAM.

UI-View will calculate how long one frame takes to

transmit. Then it checks to see how long you want to
transmit for "Meteor Mode". Then it chains together enough
frames to equal that amount of time and sends them to the
TNC. If there's not enough RAM to accomodate, then you get
less than you asked for.

Taking this to the "next thought-step", it may be possible
to extend TX time by making your transmit length longer
(duh!, right? <g>). Try selecting a 30-second TX time and
see if you get any more than the 5-seconds you are presently
experiencing. The thought is that by chaining more frames
together, maybe the chain can outlast the buffer and refill
it as it empties. I don't know for sure, but it may be
worth trying.

Ev, W2EV

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94. [propnet] Re: Simultaneous 6 and 2 M Meteor Scatter transmissions?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Tue, 12 Dec 2000 05:07:31 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124470-2000.12.13-21.15.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Is there a clear legal problem when transmitting
> simultaneously on both bands? How do we get
> around this?

Jerry,
No problems in the USA with multi-band operation. Like
Earl, I also enjoy the hobby on a couple of bands at the
same time (6- and 2-meters normally, but 2-meters & 223-MHz
over the next couple 'o days).

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

95. [propnet] I'm baaaaaack. :o)

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 13 Dec 2000 22:02:41 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124471-2000.12.13-21.15.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Winter thunder storm.
1" hail.
followed by a rain storm.
then the freezing rain.
lost power.
high vswr...no sense running battery power.

Today...warm enough to melt the ice and the power is back.

I may have missed the Geminids "peak", but I'll be on 223.78
now ... for the next two days (yes, there may be life
"after" the peak).

Sorry if I missed any posts.

Ev, W2EV
FN03xd
223.78 and beaming south-south-west for now

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

96. [propnet] Re: NO 223.78 tonight

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 13 Dec 2000 22:04:26 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124472-2000.12.13-21.16.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

oh no! :o) I'm just recovering from similar and now on the
air (I was knocked off for the past two days). Oh well,
I'll be on for the next two 'round the clock (my TVI seems
to have gone away). If things thaw, give TX a try...if you
receive anything from me (assuming you are still RXing), let
us know.

Ev, W2EV

RickfordG@aol.com wrote:
>
> Ev
> I am iced up and SWR out the roof no beacon tonight.
> sorry
> Rich
> wd4rbx
> em84nm

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

97. [propnet] Re: NTX stations ?

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Fri, 15 Dec 2000 03:02:38 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124523-2000.12.14-03.11.15--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oops...I lied.

Blue Norther blew in, iced up my beam to where I thought the SWR was
too high to transmit. To add insult to injury, my AC power just came
back on line about one half hour ago...it's been off for over 17 hours.

It's been like camping, except I never left home.

I'll try to be in the running for the next 2m meteor event.

I hope others had better luck than myself...:)

Mark Waldron wrote:
>
> Hi Bob, et al:
>
> I should be back on the air for the Geminids later tonight.
>
> Callsign N5YJP
> Gridsquare EM12pu (Dallas, TX)
> 5-el beam @ 50 watts
> Direction undecided
>
> Hope to see everyone/be seen on the map soon!
> Happy (&safe!) Holidays,
> Mark
>
> Bob Naumann - N5NJ wrote:
> >
> > I was hearing 4 other NTX stations until after the Leonids event - now
> > they're all gone.

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

98. [propnet] Re: NO 223.78 tonight

From: RickfordG@aol.com
Date: Thu, 14 Dec 2000 06:46:08 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124524-2000.12.14-05.58.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 12/13/2000 10:08:57 PM Eastern Standard Time,
propnet@greeceny.com writes:

>). Oh well,
> I'll be on for the next two 'round the clock (my TVI seems
> to have gone away). If things thaw, give TX a try...if you
> receive anything from me (assuming you are still RXing), let
> us know.
>
>

Ill let my stuff RX
Rich

99. [propnet] Meteor Mode 5-second TX problem

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 13 Dec 2000 22:39:05 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124525-2000.12.14-06.20.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've noticed something intersting while entering Meteor
Mode...5-second transmit time! I can now duplicate the
problem that others have commented about.

Using UI-View 2.32, I get 5-seconds of TX, even though I've
selected 15-seconds in the menu. I decided to to a little
troubleshooting and count the actual number of times my
frame was transmitted, so I opened a Terminal window.

All of a sudden, it transmits for 15-seconds! When I close
the Terminal window...back to 5-seconds.

Any verification from others with the 5-second problem?
Ev, W2EV
223.78 for the Geminids (with Terminal window open) :o)

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

100. [propnet] GEMINIDS METEOR SHOWER REGISTRATION web page problem

From: Richard Parry <rparry@qualcomm.com>
Date: Thu, 14 Dec 2000 08:23:14 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124575-2000.12.14-10.36.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My apologies to the list. I found an error last night in the web
registration page. Anyone who registered for the Leonids can't register for
the Geminids. It won't allow duplication of callsigns. Note that if you
never registered before, you won't have a problem.

I need an hour or two to fix this and won't be able to touch it until late
tonight. My apologies again for any inconvenience.

http://w9if.net/cgi-bin/beaconet/main.pl
Rich Parry

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

101. [propnet] Meteor hits AO-40????

From: Jerry Flanders <jflanders2@home.com>
Date: Thu, 14 Dec 2000 14:38:15 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124596-2000.12.14-13.53.51--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are we covered with liability insurance in case one of "our" meteors zaps a
satellite ;-) ? I know the odds are pretty high against it, but I can't
help but wonder if perhaps Geminids debris disabled AO-40 - the timing is
about right...

Jerry W4UK

==========
>From the AMSAT-DL web site:

SPECIAL BULLETIN
AO-40 TELEMETRY TRANSMISSIONS STOPPED
DEVELOPMENT TEAM INVESTIGATING
December 13, at 1123 utc telemetry transmissions from AO-40 stopped while
work on the 400 N propulsion system was in progress. <SNIP>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

102. [propnet] Re: Meteor hits AO-40????

From: sixersixer@att.net
Date: Thu, 14 Dec 2000 21:19:18 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124608-2000.12.14-15.32.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OOPS I HAD MY HIGH GAIN EGGBEATER POINTING AT A040
TODAY ,I WONDER IF THAT DID IT IN HIHI KE4WBO
> Are we covered with liability insurance in case one of "our" meteors zaps a
> satellite ;-) ? I know the odds are pretty high against it, but I can't
> help but wonder if perhaps Geminids debris disabled AO-40 - the timing is
> about right...
>
> Jerry W4UK
>
> ==========
> >From the AMSAT-DL web site:
>
> SPECIAL BULLETIN
> AO-40 TELEMETRY TRANSMISSIONS STOPPED
> DEVELOPMENT TEAM INVESTIGATING
> December 13, at 1123 utc telemetry transmissions from AO-40 stopped while
> work on the 400 N propulsion system was in progress. <SNIP>
>
>
> ---
> You are currently subscribed to propnet as: ke4wbo@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

103. [propnet] Re: GEMINIDS METEOR SHOWER REGISTRATION web page problem

From: sixersixer@att.net
Date: Thu, 14 Dec 2000 21:26:39 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124610-2000.12.14-15.38.31--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WELL I'LL BE PINGING AWAY ON SIX METERS ANYWAY ,PUT YOUR
ATTENUATORS ON, I'LL BE SWINGING THE BIG 4X4 STACK
NORTHWEST ER -10 KE4WBO EL96VOLKSWAGON-WHISKEY
> My apologies to the list. I found an error last night in the web
> registration page. Anyone who registered for the Leonids can't register for
> the Geminids. It won't allow duplication of callsigns. Note that if you
> never registered before, you won't have a problem.
>
> I need an hour or two to fix this and won't be able to touch it until late
> tonight. My apologies again for any inconvenience.
>
> http://w9if.net/cgi-bin/beaconet/main.pl
> Rich Parry
>
>
> ---
> You are currently subscribed to propnet as: ke4wbo@arrl.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

104. [propnet] Re: GEMINIDS METEOR SHOWER REGISTRATION web page problem

From: Earl Needham <kd5xb@amsat.org>
Date: Thu, 14 Dec 2000 14:49:47 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124611-2000.12.14-16.02.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>WELL I'LL BE PINGING AWAY ON SIX METERS ANYWAY ,PUT YOUR
>ATTENUATORS ON, I'LL BE SWINGING THE BIG 4X4 STACK
>NORTHWEST ER -10 KE4WBO EL96VOLKSWAGON-WHISKEY

Be sure to spend some time pointed at New Mexico -- I run
53.530 24/7...

7 3
Earl
KD5XB

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

105. [propnet] Re: Meteor Mode 5-second TX problem

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 14 Dec 2000 17:24:08 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124636-2000.12.14-18.44.24--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:39 PM 12/13/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>All of a sudden, it transmits for 15-seconds! When I close
>the Terminal window...back to 5-seconds.
>
>Any verification from others with the 5-second problem?

Sorry, Ev, can't verify that here. Mine transmits the shorter time
regardless, but it IS easier to see how many packets are going to the TNC
versus how many come out the RF side.

7 3
Earl

>Ev, W2EV
>223.78 for the Geminids (with Terminal window open) :o)
>
>
>---
>You are currently subscribed to propnet as: KD5XB@AMSAT.ORG
>To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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106. [propnet] Re: Meteor Mode 5-second TX problem

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 15 Dec 2000 00:54:29 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124640-2000.12.14-19.07.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-124636-2000.12.14-18.44.24--roger#peaksys.co.uk@lis
ts.tapr.org>, Earl Needham <KD5XB@AMSAT.ORG> writes
>At 10:39 PM 12/13/00 -0500, Ev Tupis (W2EV) blasted the following out into
>the ether:
>><snip>
>>All of a sudden, it transmits for 15-seconds! When I close
>>the Terminal window...back to 5-seconds.
>>
>>Any verification from others with the 5-second problem?
>
>   Sorry, Ev, can't verify that here. Mine transmits the shorter time
>regardless, but it IS easier to see how many packets are going to the TNC
>versus how many come out the RF side.

It's all to do with buffer overruns:-

1. If your TNC has a small input buffer, then it can be overrun with the
amount of data needed for a 15 second continuous burst. (However, please
bear in mind that the widespread use of 15 seconds bursts wasn't there
when I originally wrote the code!)

2. Without the Terminal window open, UI-View can overrun the Windows
comms buffer (UI-View32 shouldn't do it).

I can fix the second problem, and if you leave the Terminal window open,
the problem doesn't occur, but it's more difficult to fix the first,
particularly when it only seems to occur with a very few TNCs. My
testing is done with a Tiny-2, three home-built TNC2 clones, and a KPC-3
Plus. They can all handle the data for a 15 second burst without any
problem.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

107. [propnet] Re: Meteor Mode 5-second TX problem

From: RickfordG@aol.com
Date: Thu, 14 Dec 2000 20:03:41 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124641-2000.12.14-19.16.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 12/14/2000 7:36:01 PM Eastern Standard Time,
KD5XB@AMSAT.ORG writes:

> >Ev, W2EV
> >

I am getting about 10 sec TX did not try with Terminal window open.223.78
Beacon back on since 6:30 PM Eastern. I will check the battery bank voltage
before I go to bed tonight and if it looks good Ill let it run all night if
not then I will shut it down and turn it back on at about 9:30 AM when the
sun hits the panels. RX will run 24/7

Also I am hearing packet bursts during the RX window on 147 to weak to
decode. The past two evenings around 7 to 9 PM I have heard people talking on
147.585 I tried to contact them and either they don't or want to hear me.

Rich WD4RBX
EM84NM

108. [propnet] GEMINIDS MS REGISTRATION PAGE

From: Richard Parry <rparry@qualcomm.com>
Date: Thu, 14 Dec 2000 19:33:19 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124649-2000.12.14-21.46.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I fixed the problem with the inability to register for the December
Geminids if you registered for the November Leonids. Apologies for any
inconvenience. Please let me know if there are any problems, thanks. Below
is the text of the original announcement.

GEMINIDS METEOR SHOWER REGISTRATION PAGE NOW OPEN

Web Page registration is now available for those who will be participating
in the upcoming December Geminids Meteor Shower event. The purpose of
registering is to provide a real-time list of participants. This should
expedite communication and increase the chances of success. It should take
about 1 minute to complete. Click on the URL below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

I got interested in this facet of amateur radio after reading the article
by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of
success could be increased if I knew who was participating so I knew where
to point the beam. It was out of this need that I developed this
registration page. I hope that you find it useful. For those interested in
more information, the Nov 1999 QST article by W2EV and the Nov 2000 issue
of QST (page 28 and 83) may be useful.

Rich Parry, W9IF

109. [propnet] Re: GEMINIDS MS REGISTRATION PAGE

From: Jerry Flanders <jflanders2@home.com>
Date: Thu, 14 Dec 2000 23:11:01 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124655-2000.12.14-22.25.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You might want to modify the registration page to allow us to specify more
than one band. In future MS events, I expect to run two bands. Others do
already, it appears.

Jerry W4UK

At 07:33 PM 12/14/00 -0800, you wrote:
> I fixed the problem with the inability to register for the December
<SNIP>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

110. [propnet] Test Volunteers for METEORegistry web page

From: Richard Parry <rparry@qualcomm.com>
Date: Fri, 15 Dec 2000 07:57:53 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124724-2000.12.15-10.10.27--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

METEORegistry Testers Wanted:

I am looking for 5 or more folks that I can ask to register for an MS event
using METEORegistry "prior" to a full announcement to the mailing list.
When the web page is ready, I will ask you to register as normal. Then just
let me know if your registration was successful.

thanks in advance, W9IF
Rich Parry

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

111. [propnet] Re: Test Volunteers for METEORegistry web page

From: Earl Needham <kd5xb@amsat.org>
Date: Fri, 15 Dec 2000 09:10:37 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124730-2000.12.15-10.23.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>METEORegistry Testers Wanted:
>
>I am looking for 5 or more folks that I can ask to register for an
>MS event using METEORegistry "prior" to a full announcement to the
>mailing list. When the web page is ready, I will ask you to register
>as normal. Then just let me know if your registration was successful.

Rich, I'll try it -- what would you like me to do? Do you
have the URL handy?

7 3
Earl

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

112. [propnet] Re: Test Volunteers for METEORegistry web page

From: Mark Waldron <bogart@thepourhousedallas.com>
Date: Fri, 15 Dec 2000 13:06:57 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124760-2000.12.15-13.19.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am willing to help test also.

Just let me know what you need from me.

Thx,
Mark

Earl Needham wrote:
>
> >METEORegistry Testers Wanted:
> >
> >I am looking for 5 or more folks that I can ask to register for an
> >MS event using METEORegistry "prior" to a full announcement to the
> >mailing list. When the web page is ready, I will ask you to register
> >as normal. Then just let me know if your registration was successful.
>
> Rich, I'll try it -- what would you like me to do? Do you
> have the URL handy?
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

113. [propnet] Re: GEMINIDS METEOR SHOWER REGISTRATION PAGE OPEN

From: Jerry Flanders <jflanders2@home.com>
Date: Tue, 12 Dec 2000 21:37:12 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124794-2000.12.15-16.45.11--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You might want to modify the "which band will you operate". It presumes
only one. I plan to operate two in future.

It would not take my registration, although I checked and rechecked
everything. I get the error msg:Database ERROR inserting response

W4UK Jerry EM93AN

At 05:37 PM 12/12/00 -0800, you wrote:
> GEMINIDS METEOR SHOWER REGISTRATION PAGE NOW OPEN Web Page
>registration is now available for those who will be participating in the
>upcoming December Geminids Meteor Shower event. The purpose of registering
>is to provide a real-time list of participants. This should expedite
>communication and increase the chances of success. It should take about 1
>minute to complete. Click on the URL below and then click on REGISTER.
> http://w9if.net/cgi-bin/beaconet/main.pl
>
> I got interested in this facet of amateur radio after reading the article
>by W2EV in the Nov 99 issue of QST. I quickly realized that my chances of
>success could be increased if I knew who was participating so I knew where
>to point the beam. It was out of this need that I developed this
>registration page. I hope that you find it useful. For those interested in
>more information, the Nov 1999 QST article by W2EV and the Nov 2000 issue
>of QST (page 28 and 83) may be useful.
>
> Rich Parry, W9IF
> Rich Parry

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114. [propnet] TNC Test Help, Please

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 16 Dec 2000 07:42:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124901-2000.12.16-07.31.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi BEACONet-ers,
I am in the process of putting the final touches on a
"BEACONet Protocol Specification" that includes the ability
to formally embed some needed stuff into a BEACONet
transmission...without adding to the size of the frame (!).

I am in need of testing help. I need to find out how
various TNC's handle the "_" character, if it were to appear
in the "CQ Field".

May I ask for any volunteers to tell me:
1. What TNC you are using
2. What ROM version it has
3. If it accepts "_" as a valid entry in the field

Test by going to a terminal window and entering:
UNPROTO CQ_147
If no error statement bounces back, press the <enter> key a
couple of times to see if it transmits with the "_" intact.

Come to think about it...I need you to try the same thing
again, using your TNC and UI-View to see if it will accept
the value if it is in KISS mode (even if it doesn't in
regular mode).

This is an exciting opportunity. Thanks for any and all
help.

Ev, W2EV

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115. [propnet] Geminids: Last night 4 me

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 16 Dec 2000 08:40:25 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124907-2000.12.16-07.52.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will attempt on 223.78-MHz for one more night, if anyone
is able to try (the peak was a couple of days ago). I'm
afraid that the inopportune arrival of ice storms in the
heartlands and east coast shut down many of us. :o(The
next event is in early January.   Maybe we'll try again
then.

Let's not forget, though...the big ones are the August
Perseids and the November Leonids. The rest are "unknowns"
as far as BEACONet operation is involved.

Anyway...one more night (I'll pull the plug at 8:00 tomorrow
(sunday) morning.

Ev, W2EV
Western New York

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116. [propnet] Fwd: [cq-l] Aurora alert this weekend

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 16 Dec 2000 07:17:04 -0700

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124909-2000.12.16-08.30.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The following is from SpaceWeather.com:
>
>A coronal mass ejection that left the Sun on Thursday appears to be
>heading for Earth. The disturbance could trigger aurora late Saturday or
>(more likely) Sunday when it strikes our planet's magnetosphere. For
>details and animations please visit http://www.spaceweather.com .
>
>Reminder from CQ:
>A strong aurora can cause degradation or blackout of radio communications on
>most HF amateur bands, along with enhanced propagation on VHF bands. If the
>HF bands seem unusually quiet late Saturday night and/or Sunday, listen for
>watery-sounding signals on 10, 6 and 2 meters. If you have a directional
>antenna, point it generally northward (ranging between NW and NE) to listen
>for signals. Auroral propagation tends to produce contacts in the 800-1200
>mile range.
>
>73

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117. [propnet] Re: TNC Test Help, Please

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 16 Dec 2000 10:25:43 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124914-2000.12.16-10.43.16--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I am in need of testing help. I need to find out how
> various TNC's handle the "_" character, if it were to appear
> in the "CQ Field".
>
> May I ask for any volunteers to tell me:
> 1. What TNC you are using
> 2. What ROM version it has
> 3. If it accepts "_" as a valid entry in the field

1. Paccomm TNC 200, MFJ1270B
2. Paccomm v5.0 in both
3. No, No

TNC 2 compatibles using the latest Paccomm v5.0 firmware
do not accept the "_" underscore character in any part
of the UNPROTO call sign entry. It really does not matter
what TNC2 compatible you are using if the firmware is the
Paccomm v5.0. I have several other pieces of Paccomm
and MFJ firmware I could plug into the unit but I doubt the
code for the UNPROTO feature has changed.

When attempting to enter UN CQ_147 the "?call" response
I returned indicating it is not accepted.

> Come to think about it...I need you to try the same thing
> again, using your TNC and UI-View to see if it will accept
> the value if it is in KISS mode (even if it doesn't in
> regular mode).

It should be acceptable in KISS mode since the TNC becomes
a dumb unit transmitting what you tell it within the framing
boundaries. Just an educated guess.

73's,

Tim - N8DEU
Huntsville, Alabama

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118. [propnet] Re: TNC Test Help, Please (KPC-3 RESPONSE)

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 16 Dec 2000 07:47:22 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124923-2000.12.16-11.34.42--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:42 AM 12/16/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>May I ask for any volunteers to tell me:
>1. What TNC you are using

      Older KPC-3 (This is my tracker rig.)

>2. What ROM version it has

      5.1

>3. If it accepts "_" as a valid entry in the field

      Yes, it does.

><snip>
>Come to think about it...I need you to try the same thing
>again, using your TNC and UI-View to see if it will accept
>the value if it is in KISS mode (even if it doesn't in
>regular mode).

      In KISS mode, it transmits the following:

>07:45:03T KD5XB-6>APRS_1,WIDE,WIDE2-2 <UI C Len=20>:=3425.85N610313.57W#

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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119. [propnet] Re: TNC Test Help, Please

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 16 Dec 2000 12:11:46 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124927-2000.12.16-12.26.40--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I am in need of testing help. I need to find out how
> various TNC's handle the "_" character, if it were to appear
> in the "CQ Field".

The CQ field is being wasted with underutilized data fields
that it presents for utilization in a packet.

The AX.25 Amateur Packet Radio specification says that except
for the Secondary Station Identifier (SSID), the address field should
be made up of upper-case alpha and numeric ASCII characters only.
You need to work in those boundaries for compatibility to the
specification for TNC compliance. What we really have here is the
capability to use 6 octets represented by upper case ASCII characters
and 1 limited octet used for the SSID. Since this is now used for the
beam heading field, we have the other 6 octets to define as want with

no hit on the length of the packet since the 7 octets are always
transmitted in the AX.25 protocol.

So, we have 6 fields that can be represented by 41h - 5Ah and
31h-39h that represent upper case characters A-Z and numbers
0-9 respectively. That is 26 letters and 10 numbers that appear
my screen. It is not the letter or number that is important, but the
ASCII code that is key. This gives us 36 combinations of data that
can be defined in one octet and 216 total possible definitions
that can be defined.

My point is we are wasting the use of the UNPROTO TO field by
using things like CQ147 when that could be reduced to something
like the letter B to mean the same thing. For over simplification, I
could use the first octet to represent the Band where A=6 meters
and B=2meters... There are many ways to slice and dice the data
into smaller segments, but the point is we need to define what data
we need to transmit to provide more information in the transmitted
packet with no penalty on the length of that packet. The potential
is great!

This is just like the SSID beam heading in the UNPROTO TO field
there is no impact on the size of the packet. In fact when you transmit
something like CQ147 it takes up 5 octets. The 6th available octet
is still transmitted as data, but it is a space that is undefined and
thus, underutilized.

73's,

Tim - N8DEU
Huntsville, Alabama

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120. [propnet] Re: TNC Test Help, Please

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 16 Dec 2000 12:54:47 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124945-2000.12.16-16.11.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> It should be acceptable in KISS mode since the
> TNC becomes a dumb unit transmitting what you
> tell it within the framing boundaries. Just an
> educated guess.

Tim,
Thanks for the quick reply. If you have the opportunity to
test these TNC's with UI-View's KISS mode, I'd be interested
in the result. I agree that it ought to work fine, but I
tend to err on the side of caution and would prefer to test
- if possible - to be assured.
Ev

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121. [propnet] Re: TNC Test Help, Please

From: "Wayne Colliander" <wcolliander@earthlink.net>
Date: Sat, 16 Dec 2000 17:19:39 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-124961-2000.12.16-19.32.05--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am using a Kanronics KPC-3 PLus,
ROM ver. 8.3
Yes it accepts the "_", and transmits it in UI-VIEW.
Wayne

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, December 16, 2000 4:42 AM
Subject: [propnet] TNC Test Help, Please

> Hi BEACONet-ers,
> I am in the process of putting the final touches on a
> "BEACONet Protocol Specification" that includes the ability
> to formally embed some needed stuff into a BEACONet
> transmission...without adding to the size of the frame (!).
>
> I am in need of testing help. I need to find out how
> various TNC's handle the "_" character, if it were to appear
> in the "CQ Field".
>
> May I ask for any volunteers to tell me:
> 1. What TNC you are using
> 2. What ROM version it has
> 3. If it accepts "_" as a valid entry in the field
>
> Test by going to a terminal window and entering:
> UNPROTO CQ_147
> If no error statement bounces back, press the <enter> key a
> couple of times to see if it transmits with the "_" intact.
>
> Come to think about it...I need you to try the same thing
> again, using your TNC and UI-View to see if it will accept
> the value if it is in KISS mode (even if it doesn't in
> regular mode).
>
> This is an exciting opportunity. Thanks for any and all
> help.
>
> Ev, W2EV
>
>
> ---
> You are currently subscribed to propnet as: wcolliander@earthlink.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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122. [propnet] Re: TNC Test Help, Please

From: Roger Barker <roger@peaksys.co.uk>
Date: Sun, 17 Dec 2000 09:16:34 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125010-2000.12.17-03.29.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-124914-2000.12.16-10.43.16--roger#peaksys.co.uk@lis
ts.tapr.org>, Tim Cunningham <tim_cunningham@mindspring.com> writes
[snip]
>
>When attempting to enter UN CQ_147 the "?call" response
>I returned indicating it is not accepted.

That behaviour is correct according to the AX25 V2 spec. I should
probably tighten up UI-View so it won't accept anything other than
numbers and upper case letters, and that is all that should be used in
any protocol.

To quote the AX25 spec:-

"The address field of all frames shall be encoded with both the
destination and source amateur call signs for the frame. Except for the
Secondary Station Identifier (SSID), the address field should be made up
of upper-case alpha and numeric ASCII characters only."

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk

For WinPack go to - http://www.peaksys.co.uk

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123. [propnet] Non AlphaNum [was:TNC Test Help, Please]

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 17 Dec 2000 08:00:14 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125015-2000.12.17-07.59.09--lyris.propnet#tapr.org@lists.tapr.org>
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Both Tim Cunningham and Roger Barker noted:
> To quote the AX25 spec:-
> "The address field of all frames shall be
> encoded with both the destination and source
> amateur call signs for the frame. Except for
> the Secondary Station Identifier (SSID), the
> address field should be made up of upper-case
> alpha and numeric ASCII characters only."

I'm a *huge* proponent of assuring that protocols that are lower in the OSI model drive what happens above. For the uninitiated, in the BEACONet world the layers (loosly) lay out like this:

The BEACONet (use of an existing software) Application
TNC Firmware
AX.25 Spec
RF Transceivers
The physics of propagation

In this version of the layered model, an upper layer may not violate a tennant of a lower layer and communication still occur. Since the AX.25 spec does not allow for non-Alphanumeric characters then we cannot use them (even if the TNC firmware or the BEACONet Application allows it).

So...no need to test any further, folks. The point that I was researching has another solution that fits the AX.25 spec and I'll pursue it, instead. That is not to say that I don't deeply appreciate the willingness of the folks that stepped forward to help me with this little piece of research...I do...deeply.

Thanks for bringing this to my attention, guys! You know, I went looking for just this tidbit, but my eyes didn't catch it. I appreciate your help.

Ev, W2EV

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124. [propnet] The CQ-Field...Part 1

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 17 Dec 2000 08:46:09 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125016-2000.12.17-08.03.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim Cunningham wrote:
> The CQ field is being wasted with underutilized
> data fields that it presents for utilization in
> a packet.

Tim summarized a feature of an AX.25 packet that I've been exploiting for further development for quite some time, in "background discussions" with a couple of software authors. I've been working on this in the hopes of providing some features that are important to BEACONet operation.

In a very non technical way, let me translate what Tim noted in his eMail, so that we can all understand the road that we're about to travel. The AX.25 spec says (loosly

translated): All of the "Call Fields" are 6-bytes in length
and also have a Secondary Station ID of 1-byte in length.
All seven bytes are transmitted, even if there isn't any
information contained in the full field.

The following frames have the same length when transmitted:
G3LTF>CQ:[IO93XX]
W2G>CQ:[FN41WW]
WB4ABC>CQ147:[EM84VV]

This is because AX.25 pads the unused space in each "Call
Field", something like this (where "^" is a placeholder):

G3LTF^-0>CQ^^^^-0:[IO93XX]
W2G^^^-0>CQ^^^^-0:[IO93WW]
WB4ABC-0>CQ147^-0:[EM84VV]

The trick is to use this unused space for something
important to BEACONet and to do it (at least initially) in
such a way as a human-being could encode/decode it
manually/visually.

I've been working on a way to encode BEACONet-useful
information into this space for quite some time. I floated
a tiny bit of that work to the remailer in the form of using
the SSID as an antenna pointing indicator in the
mycall-SSID, waiting for responses, then settling on putting
it in the CQ-Field SSID.

This part of the BEACONet protocol has come to be defined as
follows:

```
================================================
Table 4 -- Antenna Directivity (in CQ-field -SSID)
------------------------------------------------
 -0 =  Undisclosed Directivity
 -1 =  30-degrees +/- 15-degrees
 -2 =  60-degrees +/- 15-degrees
 -3 =  90-degrees +/- 15-degrees
 -4 = 120-degrees +/- 15-degrees
 -5 = 150-degrees +/- 15-degrees
 -6 = 180-degrees +/- 15-degrees
 -7 = 210-degrees +/- 15-degrees
 -8 = 240-degrees +/- 15-degrees
 -9 = 270-degrees +/- 15-degrees
-10 = 300-degrees +/- 15-degrees
-11 = 330-degrees +/- 15-degrees
-12 = 0 or 360-degrees +/- 15-degrees
-13 and -14 are undefined and unused. If
      parsed by software, treat as if it
      was received as "-0".
-15 = Omnidirectional
================================================
```

(Note: I'll explain this table a little more in my next
eMail...stand by)

In the BEACONet world, there are other factors that are
important to note in a stations' transmitted packet frame:
Frequency of Operation
   - we now use 53, 147 and 223, but (as Tim noted)
     these waste a lot of space. There is a method of
     using 2-characters to define any frequency sub-band
     from 3-kHz to 300-GHz. I'll share that shortly.
RF Output (not ERP) of the transmitting station
   - using 1-byte, any power level from 1-milliwatt to
     32-megawatts can be defined, within an accuracy of
     3-dB!
Antenna Contribution
   - Running a "gain" antenna? Using 1-byte, we can
     encode an antenna gain in one of two ways: dB over
     a dipole (up to 78dBd) or yagi element count (up
     to 512 elements).
Antenna Orientation
   - (Already floated) Using the 1-byte CQ-field's SSID,
     antenna direction to a resolution of 15-degrees can
     be easily encoded.

So...with 4 alphanumeric values we can encode our
transmissions with a lot of useful information!

Is this the "most efficient" method? It is for now...if it
is important to be able allow a human to visually inspect
the information and decode it (which I feel is important for
this stage of BEACONet evolution). In the future, there is
still room for taking the protocol to the bit-level as Tim
describes, in order to encode even more stuff. That will be
the next stage of development as we find more software
authors who are willing to build the BEACONet protocol into
their software. Until then, I'd prefer to err on the side
of a little inefficiency of transmission, but a LOT more
information that is transmitted and humanly usable.

Whew! There is a lot to digest in this note. Stand
by...there's a lot of cool stuff heading your way! :o)

Ev, W2EV

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125. [propnet] Re: The CQ-Field...Part 1

From: "Jeff kb2wqm" <kb2wqm@dandy.net>
Date: Sun, 17 Dec 2000 09:40:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125022-2000.12.17-08.52.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning, maybe I'm missing something here, but isn't the frequency a
givin? Seem's like a waste to me to tx what frequency your on.

Frequency of Operation
   - we now use 53, 147 and 223, but (as Tim noted)
     these waste a lot of space. There is a method of
     using 2-characters to define any frequency sub-band
     from 3-kHz to 300-GHz. I'll share that shortly.

73 Jeff kb2wqm

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126. [propnet] Re: The CQ-Field...Part 1

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 17 Dec 2000 09:24:05 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125025-2000.12.17-09.39.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> In a very non technical way, let me translate what Tim noted
> in his eMail, so that we can all understand the road that
> we're about to travel. The AX.25 spec says (loosly
> translated): All of the "Call Fields" are 6-bytes in length
> and also have a Secondary Station ID of 1-byte in length.
> All seven bytes are transmitted, even if there isn't any
> information contained in the full field.

Ev is certainly on track here. There are 2 things worth noting
in this scheme that need to be explored. An octet as I stated
in my previous message referes to 8-bits. I puposely used
that language versus a byte because a byte could be 7-bits
rather than 8-bits in some systems in the computer world.
Does this really matter? I do not think so, because the upper
case alpha characters and numbers that only require 7-bits.
What I am not sure about is the way some other countries in
the world use the ASCII character system. I know they are
different, because there are several ASCII code tables
defined.

Why is this important?

As Ev noted, he was looking for some visual way to look at the
data in a way we humans can interpret the data on the screen
so we can decipher it without the need for a software package

to decode its meaning. Since the ASCII code system can
display anything on the screen as a character to represent its
ASCII code reference, it may be worth noting since what is
displayed on an English language coputer may not be what is
display on a computer that displays characters employing a
non-English character system. The point being that the ASCII
code will be the same, but the character that is displayed on the
screen, may not be an English language character. This means
that if we want a human interpretable reading in the unproto
"to-address" field, it may be displayed differently on display in
non-English language countries. This might be a possibility, but
I am not sure at this point how non-English language countries
deal with these types of issues. I want to make sure all our
friends around the world can read the same information on the
screen so it can be decoded visually if we go down that road.

Decoding the data can be done visually, but we would have to
create more than one ASCII code conversion table to define
the different character sets. These already exist, but they may
need to be included in the specification for clarification. I am
just thinking ahead for any potential issues at the international
level. This is not a TNC issue, but it is an issue for the character
set that is used on a specific computer.

> So...with 4 alphanumeric values we can encode our
> transmissions with a lot of useful information!

Why stop at using 4 octets. I assume that there is some
significance or limitation in the UI software packages in
keeping the CQ in the "unproto-to" field, but that takes up
2 octet fields that could be utilized for more data. Perhaps,
we could use the PID field to identify a BEACONet packet
type to gain those information fields. While it may not be
needed or defined at this point, it is worth noting for future
fields of information that could be utilized.

> Is this the "most efficient" method? It is for now...if it
> is important to be able allow a human to visually inspect
> the information and decode it (which I feel is important for
> this stage of BEACONet evolution). In the future, there is

I feel that human visual inspection is important at this point
since the existing software base out there does not support
these functions at this time. It brings a transition phase to
the table in the interim. However, we need to note that the
ASCII character code set is different around the world. This
should be easy to deal handle since there are standard ASCII
character code tables already defined. The point being that
what character is displayed on one screen may not be what
is displayed on another if a different character set is
employed. Again, I could be barking up a small tree here,
but it is worth noting for international compatibility when
speaking about human visual interpretation. If we were not
concerned about human readability and let the software
handle the issue, there would be no concern.

I cannot wait to see the new changes in action on the air...

73's,

Tim - N8DEU
Huntsville, Alabama

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127. [propnet] Re: The CQ-Field...Part 1

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 17 Dec 2000 09:34:15 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-125027-2000.12.17-09.50.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Good morning, maybe I'm missing something here, but isn't the frequency a
> givin? Seem's like a waste to me to tx what frequency your on.

Hey Jeff,

You are thinking exactly what I first thought. Then, after giving it some
more
thought I could only make one rationalization. For someone who worked
more than one band in the BEACONet world, this would give them a clear
indication what band was used when looking at any log file. Then I thought
maybe the log file could have a unique name, but since it is a name it could
be changed inadvertently. Nonetheless, if the packet contains the band
there would be no question about the band unless the packet was corrupted.

Just thinking out loud... ...which tends to get me in trouble... <:-)

73's,

Tim - N8DEU
Huntsville, Alabama

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128. [propnet] Re: The CQ-Field...Part 1

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 17 Dec 2000 14:02:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125067-2000.12.17-13.16.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jeff kb2wqm wrote:
>
> Good morning, maybe I'm missing something here, but
> isn't the frequency a givin? Seem's like a waste to
> me to tx what frequency your on.

It is for now...but the future may include a couple of
network functions that don't yet exist widely in the
BEACONet world:

RFGate
 - "Connecting" two different bands of operation
   together.

InternetGate-ing
 - Connecting to the Internet and uploading locally
   received RF data to a common data-server for others
   to analyze at a later time. Without a sub-band of
   origination, the data becomes difficult to analyze
   given that BEACONet operation now takes place on
   53.530-, 147.585-, and 223.780-MHz.

This is a "future-vision" feature.

Ev, W2EV

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129. [propnet] Re: TNC Test Help, Please

From: "Tony Drumm" <drumm@us.ibm.com>
Date: Mon, 18 Dec 2000 09:24:07 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125216-2000.12.18-09.34.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Am I missing something, or is the band redundant information? Unless
someone is gating packets between bands - which seems to make no sense for
propnet - then why is the band even appearing in the packet? Especially if
looking for a way to pack more information in the packet, I'd say the band
id should be the first thing to go.

Tony Drumm
AA0SM

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130. [propnet] Re: The CQ-Field...Part 1

From: "Tony Drumm" <drumm@us.ibm.com>
Date: Mon, 18 Dec 2000 09:33:22 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125242-2000.12.18-09.43.50--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I suppose I should have read all the propnet messages before sending mine
about the band info :)

OK - there might be some reason for having that data in the packet for
internet gating. However, internet data is not bound by the same rules as
the packets, nor by the need to reduce everything to the smallest possible
size. I'd suggest that the software gating the data to the internet should
insert any additional information that's implicit in the original. E.g.
just prefix the data with the band, etc. Right now, it doesn't look like
there's a big need for using every available character in the TO field, but
I've been around this sort of thing long enough to appreciate Parkinson's
Law.

Tony Drumm
AA0SM

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131. [propnet] Re: The CQ-Field...Part 1

From: Earl Needham <kd5xb@amsat.org>
Date: Mon, 18 Dec 2000 08:51:37 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125245-2000.12.18-10.05.57--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I suppose I should have read all the propnet messages before sending mine
>about the band info :)
>
>OK - there might be some reason for having that data in the packet for
>internet gating. However, internet data is not bound by the same rules as
>the packets, nor by the need to reduce everything to the smallest possible
>size. I'd suggest that the software gating the data to the internet should
>insert any additional information that's implicit in the original. E.g.
>just prefix the data with the band, etc. Right now, it doesn't look like
>there's a big need for using every available character in the TO field, but
>I've been around this sort of thing long enough to appreciate Parkinson's
>Law.

digis? I run one here in Clovis, and I suspect there are
others out there somewhere, too.

7 3
Earl

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132. [propnet] Re: The CQ-Field...Part 1

From: Earl Needham <kd5xb@amsat.org>
Date: Mon, 18 Dec 2000 10:30:41 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>

Message-ID: <LYR1548-125255-2000.12.18-11.47.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>I suppose I should have read all the propnet messages before sending mine
>>about the band info :)
>>
>>OK - there might be some reason for having that data in the packet for
>>internet gating. However, internet data is not bound by the same rules as
>>the packets, nor by the need to reduce everything to the smallest possible
>>size. I'd suggest that the software gating the data to the internet should
>>insert any additional information that's implicit in the original. E.g.
>>just prefix the data with the band, etc. Right now, it doesn't look like
>>there's a big need for using every available character in the TO field, but
>>I've been around this sort of thing long enough to appreciate Parkinson's
>>Law.
>
>   digis? I run one here in Clovis, and I suspect there are
>others out there somewhere, too.

        Let me re-phrase this. It looks like my computer dropped some stuff.

        What are you going to do about cross-band digis? I run one
here in clovis, and I suspect there are others out there somewhere,
too.

        Earl

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133. [propnet] Re: The CQ-Field...Part 1

From: "Tony Drumm" <drumm@us.ibm.com>
Date: Mon, 18 Dec 2000 12:33:00 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125260-2000.12.18-12.43.58--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   What are you going to do about cross-band digis? I run one
>here in clovis, and I suspect there are others out there somewhere,
>too.

Interesting. I'm surprised anyone is cross-banding propnet packets. Doesn't
that defeat the purpose? If you see icons on your map, you can't be certain
they are a result of propagation on the band you are observing. Hey - but
maybe I'm missing somthing since I've not been hanging around propnet all
that long (APRS for many years, though).

Tony Drumm
AA0SM

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134. [propnet] Ursid meteor shower could surprise

From: RickfordG@aol.com
Date: Mon, 18 Dec 2000 18:34:28 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125304-2000.12.18-17.47.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

NASA Science News for December 18, 2000

The normally meek Ursid meteor shower could surprise sky watchers with a
powerful outburst on Dec 22nd when Earth passes through a dust stream from
periodic comet Tuttle

December 18, 2000 -- Even among enthusiastic sky watchers, the prospect of
the annual Ursid meteor shower rarely provokes more than mild interest.
Normally, the shower's feeble maximum on Dec. 22nd produces no more than a
few shooting stars per hour. It hardly seems worth the trouble to spend a
frigid winter night outdoors just to see a meager half-dozen or so meteors.
But this year could be different.
According to NASA scientist Peter Jenniskens (NASA-Ames SETI Institute) and

colleague Esko Lyytinen, our planet is now heading directly for a dusty
debris stream shed by periodic comet Tuttle, the parent of the Ursids. Meteor
rates could soar to more than 100 per hour next Thursday night and Friday
morning when Earth plows through the stream of meteoroids.

Anyone going to give it a try?

Rich WD4RBX
EM84NM

135. [propnet] Ursid Meteor Surprise

From: blitz <blitz@macronet.net>
Date: Mon, 18 Dec 2000 19:24:32 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125317-2000.12.18-18.37.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>NASA Science News for December 18, 2000
>
>The normally meek Ursid meteor shower could surprise sky watchers with a
powerful outburst on Dec 22nd when Earth passes through a dust stream from
periodic comet Tuttle.
>
>FULL STORY at
>
>http://science.nasa.gov/headlines/y2000/ast18dec_1.htm?list41644
>---

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136. [propnet] Re: The CQ-Field...Part 1

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Mon, 18 Dec 2000 18:28:23 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125328-2000.12.18-19.46.35--lyris.propnet#tapr.org@lists.tapr.org>
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At 12:33 PM 12/18/00 -0600, Tony Drumm blasted the following out into the
ether:

> >   What are you going to do about cross-band digis? I run one
> >here in clovis, and I suspect there are others out there somewhere,
> >too.
>
>Interesting. I'm surprised anyone is cross-banding propnet packets. Doesn't
>that defeat the purpose? If you see icons on your map, you can't be certain
>they are a result of propagation on the band you are observing. Hey - but
>maybe I'm missing somthing since I've not been hanging around propnet all
>that long (APRS for many years, though).

      I don't think so, Tony. If you suddenly see a New Mexico station
show up, take a look at the path. If it includes KD5XB-6, you got it from
me on 6 meters. Otherwise, you're seeing them on 2 meters...

      Besides which, it generates more "packet racket" from my station,
without me having to run meteor mode on both 6 meters AND 2 meters. I
suspect that would get be budlisted! <G>

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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137. [propnet] AstroAlert: Little Dipper May Pour Meteors for the Yuletide

From: Robert Lunsford <lunro.imo.usa@home.com> (by way of Earl Needham <KD5XB@AMSAT.ORG>)
Date: Mon, 18 Dec 2000 18:36:33 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125388-2000.12.19-01.35.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Ursid meteor shower occurs every year from a radiant located in Ursa Minor. This grouping of stars is more popularly known as the Little Dipper. Every December, just before Christmas, the earth passes through debris from periodic comet Tuttle. The Ursids are normally the weakest of the major annual showers usually producing an average of 10 meteors per hour at maximum activity. This year there exists the possibility that the earth may pass directly through one or more of the dust trails created by comet Tuttle. As the earth passes through these dust trails meteor activity could be enhanced significantly.

Each time comet Tuttle passes through the inner solar system it creates another slender dust trail as tiny fragments of ice and rock are warmed and escape from the comet's surface. The comet orbits the sun every 13.6 years so many of these dust trails have been created. The comet's orbit lies outside that of the earth's orbit which means that any debris left behind must drift closer to the sun to intersect the earth. This process takes approximately 600 years to cover that distance. During this time the actual orbit of these particles changes significantly so that instead of arriving in the vicinity of the earth at the same time as the comet, their arrival is delayed by 6 years! What this means is that during the perihelion passage of comet Tuttle and 6 years later there exists the possibility of enhanced activity from the Ursid meteor shower. The last strong activity seen from the Ursids was in 1993 and 1994 when comet Tuttle was at perihelion. It is now 6 years later and again the expectations are high for enhanced activity.

To view this display one must seek clear dark skies with an unobstructed northern horizon. Most of the Ursid meteors are faint therefore any source of light pollution will reduce the number of meteors seen. Fortunately the moon is a slender waning crescent and will not pose any significant problems. The Ursids are predicted to reach maximum activity on the night of December 21/22 between the hours of 06 and 10 Universal Time. In local times for North America this corresponds to 1am to 5am EST on the morning of the 22nd and 10pm to 2am PST on the evening of the 21st and morning of the 22nd. The most likely time of peak activity will be near 7:30 UT which is 2:30am EST and 11:30pm PST. At this time the earth will encounter the dust trail produced by comet Tuttle in 1405. The earth skims the dust trail of 1392 one hour later for another chance of good activity.

The Ursid radiant lies near the orange 2nd magnitude star Kochab, which marks one of the corners of the "bowl" of the Little Dipper. The coordinates for the radiant are 14:28 +76. Due to the extreme northern declination this shower cannot be seen south of the equator.

I would suggest setting up at least an hour before the predicted time of maximum activity just in case it arrives a bit early. Ursid meteors can be seen in any portion of the sky but the most activity will be seen if you face toward the north and include the radiant in your field of view. You need not stare directly at the radiant but just make sure that you can easily see the bowl of the Little Dipper. Facing in this direction will allow you to see Ursid meteors traveling in all directions.

I was fortunate to witness the Ursid outburst of 1993. It caught me totally off guard as I had planned to plot all the meteors I saw that night. My data sheet soon filled with over 100 entries and I had to scribble some 50 more on the blank back side of the sheet. Needless to say I abandoned the idea of plotting when it became obvious that something unusual was occurring. Besides, I could not keep up with all the activity! I only wish that I had my cassette recorder with me so that I could have obtained data without taking my eyes off the sky. Who knows just how many meteors I missed while writing down my data? The most memorable meteor of that night was an incredible -8 sapphire blue Ursid that shot down toward the northeastern horizon leaving a long persistent trail. It is gratifying that my data and others who have spent cold December mornings outside was used by Dr. Peter Jenniskens to help calculate and predict this upcoming outburst. Your data on this display could be just as important. Be sure to share it with us!

Sky & Telescope and all of the meteor groups and societies in the USA and abroad are interested in your Ursid counts. The basic information needed is your location, the time you watched, the number of Ursids seen, the number of other meteors seen, and the sky conditions (clouds, limiting magnitude). You may also try to estimate the brightness of each

meteor by comparing it to stars of a known magnitude. Reports can be
sent to me at: lunro.imo.usa@home.com and to Sky & Telescope at:
observers@skypub.com

For more information on observing meteors visit the Sky & Telescope Web
Pages at: http://www.skypub.com/sights/meteors/meteorwatch.html
Although this page is focussed on the Leonid shower it offers many good
tips that can be used during any meteor watch.

A weekly preview of meteor activity is also published each Thursday at:
http://www.amsmeteors.org/lunsford/

Clear Skies!

Robert Lunsford

Secretary General of the International Meteor Organization
Visual Meteor Program Coordinator of the American Meteor Society
Coordinator of the Meteors Section of the Association of Lunar and
Planetary Observers
==========
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==========

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138. [propnet] TNC Advise

From: David Stanfield <n0hs@swbell.net>
Date: Tue, 19 Dec 2000 07:45:42 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125394-2000.12.19-07.49.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would like to participate in PropNet operations and packet in general. I
see a great deal of useful information coming out of this group's
activities. I am at the point of choosing equipment and putting together a
station. Since I am building from scratch I have the opportunity to
optimize for this activity. I have been a ham active in hf(cw) and 2m (fm)
for 24 years but am pretty lost as to how to choose a radio and TNC for this
activity. I currently have an 8.5 dB omni and 5 element yaggi at 60 feet in
the Kansas City area. My current home fm station is a Kenwood TR 2600 ht
feeding a 25 amp. This does fine for playing with voice but strong local
signal are a constant problem with the omni connected.

Any suggestions for radio and TNC?

Tnx
Dave, N0HS

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139. [propnet] Re: TNC Advise

From: Jerry Flanders <jflanders2@home.com>
Date: Tue, 19 Dec 2000 11:06:12 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125400-2000.12.19-10.17.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am planning to test drive the AWGPE software TNC. I have seen reports
that it works without the need to actually have a hardware TNC. My
application is with a receive-only setup, using a PCR-1000 receiver to scan
between all reported active MS beacon frequencies.

I understand it is either freeware or shareware, so you could check it out

with no investment. It uses the computer's soundcard.

It is available through: http://www.raag.org/sv2agw/inst.htm

I think someone on this list uses it. Perhaps he could suggest how to get
it going (for both of us). The packet jargon is pretty daunting for me, so
reading "instructions" is often pretty frustrating.

I have been using a Yaesu FT-847 rig on MS, but if you are buying a new rig
and want 2 meters only I would suggest you consider the ICOM IC-2100H,
which I also have. You get 55 watts output and it is only $175 or so.

Jerry W4UK

At 07:45 AM 12/19/00 -0600, you wrote:
>I would like to participate in PropNet operations and packet in general. I
>see a great deal of useful information coming out of this group's
>activities. I am at the point of choosing equipment and putting together a
>station. Since I am building from scratch I have the opportunity to
>optimize for this activity. I have been a ham active in hf(cw) and 2m (fm)
>for 24 years but am pretty lost as to how to choose a radio and TNC for this
>activity. I currently have an 8.5 dB omni and 5 element yaggi at 60 feet in
>the Kansas City area. My current home fm station is a Kenwood TR 2600 ht
>feeding a 25 amp. This does fine for playing with voice but strong local
>signal are a constant problem with the omni connected.
>
>
>Any suggestions for radio and TNC?
>
>Tnx
>Dave, N0HS
>

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140. [propnet] Re: TNC Advise

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Tue, 19 Dec 2000 09:35:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125401-2000.12.19-10.18.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Any suggestions for radio and TNC?
>
> Tnx
> Dave, N0HS

Dave,

My experience with using HT's are as you described. It may not
be the Omni antenna, although it does allow energy from an omni
pattern.

I have always used TNC2 clones or units that work with the same
firmware. They come in the variety of a units ranging from old to
new such as the a Paccomm TNC-200, MFJ models TNC-2, 1270,
1270B, 1270C, and 1274. I am sure there are others that fall into
the TNC2 clone category.

These are old reliable units. We have used some of these in
digipeaters from the mid to late 80's up to the current date in a
27 hour 7 day a week mode. The only failures have been
attributed to lightning damage and they were easily repaired. I
like to fix my own stuff, so the ease of repair has always been a
consideration to figure in the cost of ownership.   We have an
MFJ 1270 in operation using the UIDIGI firmware (readily available
on the web) that has been working great for an APRS digi
supporting many of the new functions. There are various pieces
of firmware for the TNC2 clones that offer some flexibility as to
how they are used. These TNC's are available on the used
market at a low cost. I paid about $10 to $15 each for the last 4
units I purchased at various hamfests.

If you are looking for something new, then the Kantronics KPC3+
is a very popular unit. The only reason I have stayed away from

Kantronics over the years is they were not supported in the open
market with firmware options. The firmware had to come from
Kantronics which was a limitation and fixes the upgrade cost.
However, their firmware in the recent units covers the APRS
functions as well as other functions you may wish to use without
changing firmware in the unit.

If you are a plug an play person, then the KPC3+ is your best bet.
If you like to tinker and experiment, then the old TNC2 clones give
you many modifications you could perform as well as an open third
party source for various pieces of firmware to perform other
functions such as KISS only firmware, BPQ KISS firmware, UIDIGI
firmware, and other customized applications if you dare. I like to
tinker and experiment so I stuck with the TNC clone over the years.

You have choices. Just about any radio will work with 1200 baud
AFSK TNC's. Try to stay away from anything that has a mechanical
relay used in the transmit circuitry. You can tell by the clicking sound
it makes when you key the radio. Most of the stuff available today has
electronic keying circuitry. Some radios offer a packet connector on
the back of the radio. These are good for plug and play
configurations.

I purposely did not cover 9600 baud operation since it was not
mentioned in your post. That is another topic if you are interested.
While there are 9600 baud terrestrial systems out there, it really
depends on what is available in your area to work it. If you are
interested in Amateur Radio satellite digital communications, then
I would highly recommend it, since a 9600 baud FSK satellite will
always be in range no matter where you are on the earth and 9600
baud from the satellites works far more efficiently than most of the
terrestrial 9600 baud systems.

Kantronics has a dual 1200/9600 TNC that work well in this fashion.
I believe Paccomm still makes the NB-96 which is a dual 1200/9600
baud unit and offers the flexibility of a modem disconnect header to
plug optional modems into the unit like a PSK unit for satellite
operation. Enough said about 9600 since I took a long turn here...

73's,

Tim - N8DEU
Huntsville, Alabama

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141. [propnet] Re: Ursid meteor shower could surprise

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Tue, 19 Dec 2000 20:46:20 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125486-2000.12.19-19.59.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Meteor rates could soar to more than 100 per hour next
>Thursday night and Friday morning when Earth plows
>through the stream of meteoroids.
>Anyone going to give it a try?
>Rich WD4RBX
>EM84NM

Sure, I'll set up the evening of the 21st and ping away from EN82HL

(Southeastern lower Michigan) at 180 degrees:

147.585
180w to 10dB beam
UI-View 2.32
CQ147-6

Rich
_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
HummerID 97.5 Fly Yellow Wagon
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

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142. [propnet] Re: Ursid meteor shower could surprise

From: Dave N Parker <kg4fta@juno.com>
Date: Tue, 19 Dec 2000 21:00:12 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125495-2000.12.19-21.13.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will be operative, if snow/ice storms let me.
2x11 beams
90W
Software undecided, maybe text only, depending on system i have to use.
CQ147[EM67GJ]
Western KY, KG4FTA
On Tue, 19 Dec 2000 20:46:20 -0500 "RWeinkauf" <rweinkauf@msn.com>
writes:
> >Meteor rates could soar to more than 100 per hour next
> >Thursday night and Friday morning when Earth plows
> >through the stream of meteoroids.
> >Anyone going to give it a try?
> >Rich WD4RBX
> >EM84NM
>
> Sure, I'll set up the evening of the 21st and ping away from EN82HL
> (Southeastern lower Michigan) at 180 degrees:
>
> 147.585
> 180w to 10dB beam
> UI-View 2.32
> CQ147-6
>
> Rich
> _____
> Rich Weinkauf, N8QLT
> Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
> HummerID 97.5 Fly Yellow Wagon
> 1971 Kaiser M35A2 ** MVPA #20486
> Load Warrior Website
> http://msnhomepages.talkcity.com/Terminus/loadwarrior/
> M35 Cool Stuff Site   http://www.highprofilevehicles.com
> _____
>
>
>
>
> ---
> You are currently subscribed to propnet as: kg4fta@juno.com
> To unsubscribe send a blank email to
> leave-propnet-1548K@lists.tapr.org
>

73 DE KG4FTA, Dave
EM67GJ
Six Club #1384

_____
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143. [propnet] Re: Ursid meteor shower could surprise

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 20 Dec 2000 06:44:48 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125532-2000.12.20-06.21.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm in! Starting tonight and running overnight until 8:00
am or so...(overnight wednesday, thursday and friday) on
147.585.
Ev, W2EV
CQ147-7
[FN03XD]

RWeinkauf wrote:
>
> >Meteor rates could soar to more than 100 per hour next
> >Thursday night and Friday morning when Earth plows
> >through the stream of meteoroids.
> >Anyone going to give it a try?
> >Rich WD4RBX
> >EM84NM
>
> Sure, I'll set up the evening of the 21st and ping away from EN82HL
> (Southeastern lower Michigan) at 180 degrees:
>
> 147.585
> 180w to 10dB beam
> UI-View 2.32
> CQ147-6
>
> Rich
> _____
> Rich Weinkauf, N8QLT
> Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
> HummerID 97.5 Fly Yellow Wagon
> 1971 Kaiser M35A2 ** MVPA #20486
> Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
> M35 Cool Stuff Site   http://www.highprofilevehicles.com
> _____
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

144. [propnet] re: TNC Advise

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 20 Dec 2000 06:53:03 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125533-2000.12.20-06.22.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi David,
It's nice to have your interest piqued by the
BEACONet/PropNET project and good to have you "radio
active". :o)

As it turns out, choice of TNC is not such a big deal for
home-based BEACONet-ers as we all use 1200 baud FM packet
for the sake of simplicity. As long as your TNC is KISS
capable and you use UI-View software, you're "cooking with
gas". :o)

The TNC with the "best" performance potential is the
Kantronics KPC3+ as it allows for "software"-based carrier
detect. This means that one can detect lower-strength
signals because you can operate with "open squelch". There
are some TNC's that can be modified to do this, too (I just
have no experience with them -- but you may hear from a
couple of folks who can shed some light here).

I have used the KPC3+ and MFJ-1270c quite effectively for
home operations with UI-View software...with the KPC3+
taking an endge in the "marginal signal" arena. Of course,
your milage may vary a bit.

Welcome aboard!
Ev, W2EV
http://go.to/BEACONet

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145. [propnet] re: TNC Advise

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Wed, 20 Dec 2000 09:21:26 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125551-2000.12.20-09.33.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> The TNC with the "best" performance potential is the
> Kantronics KPC3+ as it allows for "software"-based carrier
> detect. This means that one can detect lower-strength
> signals because you can operate with "open squelch". There
> are some TNC's that can be modified to do this, too (I just
> have no experience with them -- but you may hear from a
> couple of folks who can shed some light here).

We use all TNC2 compatible hardware (Paccomm TNC-200,
MFJ models TNC-2, 1270, 1270B, 1270C, and 1274) in our
networks in the North Alabama area which have been modified
for a hardware open squelch operation. They work great! As I
mentioned earlier, if you are looking for out of the box solution,
then the KPC3+ is the way to go with its software open squelch
detection.

There are many modifications for the TNC2 clone on the web.
If you chose to go that way, I can point you in the direction of
the most beneficial modifications. The input sensitivity and
ability to decode weak signals are also part of the modifications
depending on what model you have.

The open squelch DCD modification only requires 2 resistors
and a capacitor. The Paccomm TNC-200 and the MFJ-1270/
TNC-2 models have a modification to dramatically improve
their performance on the input side with few hardware changes.
On the other hand, TAPR sells a DCD modification kit for the
open squelch DCD operation. However, 2 resistors and
capacitor from Radio Shack provide a far cheaper solution.

Of course, the TNC-2 design has been around a lot longer than
the KPC-3+. Thus, one should expect the KPC-3+ to perform
better. My TNC2's performs just as well as my KPC-3+. Although,
the major benefit is the KPC-3+ operates on a whole lot less power
budget than the TNC2 will ever accomplish.

I am not one to advocate one model over the other since I would
be putting a bias on the decision. Information is key in letting
one derive their own conclusion.

73's,

Tim - N8DEU
Huntsville, Alabama

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

146. [propnet] Intreasting Propagation on 147

From: RickfordG@aol.com
Date: Wed, 20 Dec 2000 19:24:28 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125629-2000.12.20-18.36.23--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am RX occasional pings from KG4EYO in EM73PR. UI-view tells me that you are
119 miles away. Looking at a map I think that the Atlanta air port is between
us. I am wondering if I am RXing you via airplane scatter or some other form
of propagation. I would like to hear from you. Maybe we can experiment after
the MS in Jan.

Thanks,
Rich WD4RBX
EM84MN

147. [propnet] 223.780 Ev

From: RickfordG@aol.com
Date: Wed, 20 Dec 2000 19:31:02 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125631-2000.12.20-18.43.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ev
Do you want to try 223..780 ? If so what will be your time table?
Rich WD4RBX
EM84MN

148. [propnet] Re: Intreasting Propagation on 147

From: Dave N Parker <kg4fta@juno.com>
Date: Wed, 20 Dec 2000 21:15:17 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125652-2000.12.20-21.34.00--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I occasionally hear KG4EYO from my club QTH, EM67GJ.
with just verticals.

de kg4fta

On Wed, 20 Dec 2000 19:24:28 EST RickfordG@aol.com writes:
> I am RX occasional pings from KG4EYO in EM73PR. UI-view tells me that
> you are
> 119 miles away. Looking at a map I think that the Atlanta air port
> is between
> us. I am wondering if I am RXing you via airplane scatter or some
> other form
> of propagation. I would like to hear from you. Maybe we can
> experiment after
> the MS in Jan.
>
> Thanks,
> Rich WD4RBX
> EM84MN

73 DE KG4FTA, Dave
EM67GJ
Six Club #1384

_____
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http://dl.www.juno.com/get/tagj.

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149. [propnet] Re: Intreasting Propagation on 147

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Wed, 20 Dec 2000 22:54:51 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125658-2000.12.20-22.07.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,
This is, kg4eyo. i'm very loud with 300+ watts into a 13 element yagi pointed roughly at my one-o'clock
 direction. looking at the map at your relative position, you are probably off to the right of the main
 beam. There is a large amount of airplane traffic that i notice far away close to the horizon, so you
could very well be receiving aircraft scatter (ASs as opposed to MS). Unfortunately i cannot turn the
antenna, until perhaps the spring.
I am doing meteor mode 15/15sec., but need to check my clock synchronization.
Glad to give you something to see on your map.

Respectively submitted,

Wm Seffens

Where is Bill by GPS location using HAM radio on 144.390 MHz: Try www.findu.com/cgi-bin/find.cgi?kg4eyo

HAM station KG4EYO on Atlanta map: www.wa4dsy.net/aprs/ga-atl.html

  ----- Original Message -----
  From: RickfordG@aol.com
  To: TAPR APRS PropNet Discussion Group
  Sent: Wednesday, December 20, 2000 7:24 PM
  Subject: [propnet] Intreasting Propagation on 147

  I am RX occasional pings from KG4EYO in EM73PR. UI-view tells me that you are
  119 miles away. Looking at a map I think that the Atlanta air port is between
  us. I am wondering if I am RXing you via airplane scatter or some other form
  of propagation. I would like to hear from you. Maybe we can experiment after
  the MS in Jan.

  Thanks,
  Rich WD4RBX
  EM84MN

150. [propnet] re: TNC Advise

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 21 Dec 2000 04:31:36 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125701-2000.12.21-04.56.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim,
Great thread. Would you point to the "2 resistor and 1
capacitor" open-squelch mod you mention? I'd like to poke
at it a bit myself.

Ev

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

151. [propnet] Re: 223.780 Ev

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 21 Dec 2000 04:38:02 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125702-2000.12.21-04.57.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sure! How about for the next two overnights (Thursday
night, Friday night)? I'm not very optimistic about the
Ursids...they aren't known to be very fast (low ionization),
but the beauty of BEACONet is that we can try without losing
any sleep. :o)

So...I'll be on starting tonight. Thanks for not giving up
on this one. Our last real shot will be during early
January if we don't get anything this time.

Ev

RickfordG@aol.com wrote:
>
> Hi Ev
> Do you want to try 223..780 ? If so what will be your time
> table?
> Rich WD4RBX
> EM84MN

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

152. [propnet] Re: Intreasting Propagation on 147

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 21 Dec 2000 06:49:48 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125711-2000.12.21-08.13.20--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:24 PM 12/20/00 -0500, RickfordG@aol.com blasted the following out
into the ether:
>I am RX occasional pings from KG4EYO in EM73PR. UI-view tells me that you are
>119 miles away. Looking at a map I think that the Atlanta air port is between
>us. I am wondering if I am RXing you via airplane scatter or some other form
>of propagation. I would like to hear from you. Maybe we can experiment after
>the MS in Jan.

When I was stationed at Moody AFB in Valdosta, Georgia (EM80), it was
quite common to hear repeaters in Atlanta. The .76 repeater, in
particular, was very strong down in Valdosta, over 200 miles away.

I think tropo (and other) enhancements are quite common in that part
of the world. Quite exciting, too!

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

153. [propnet] 1 station rx'd

From: "Jeff kb2wqm" <kb2wqm@dandy.net>
Date: Thu, 21 Dec 2000 09:49:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125714-2000.12.21-09.02.07--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received one packet from kg4eyo em73pr this morning on 147, distance was 669.3 miles from fm29pe, at about 7am eastern.

73 Jeff kb2wqm

154. [propnet] Re: 223.780 Ev

From: RickfordG@aol.com
Date: Thu, 21 Dec 2000 17:41:24 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125749-2000.12.21-16.53.22--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 12/21/2000 5:47:01 AM Eastern Standard Time,
propnet@greeceny.com writes:

> Sure! How about for the next two overnights (Thursday
> night, Friday night)? I'm not very optimistic about the
> Ursids...they aren't known to be very fast (low ionization),
> but the beauty of BEACONet is that we can try without losing
> any sleep. :o)
>
>

Hi Ev

Sounds good to me. Looks like at least one ping was RX in your neck of the
woods. I ran my 147 beacon for less then 2 hours do to cloudy wx. I wanted to
save the batteries for 223. I will run it same as you.

Boy! I bought my 220 gear for a song last year rig and amp $125. I was going
to sell it this winter and now that I found BEACOnet I am planning to improve
my 223 system. I have some 7/8 hard-line and tower sections that will be put
to use for 223. So hang in their with me. We will give it our best to make
history :-))

Rich wd4rbx 223-1

155. [propnet] A meteor outburst, after all....

From: blitz <blitz@macronet.net>
Date: Fri, 22 Dec 2000 19:25:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125932-2000.12.22-18.38.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Space Weather News for Dec. 22, 2000
>http://www.spaceweather.com
>
>METEORS: Sky watchers in Europe and on the US west coast spotted a modest
>outburst of Ursid meteors Thursday night. Astronomers had hoped for a
>more impressive display, but the flurry of faint shooting stars was
>nevertheless welcomed because it confirmed a new model of cometary debris
>streams.
>
>AURORA WATCH: Conditions may be favorable for high-latitude auroras
>tonight. The interplanetary magnetic field (IMF) near Earth turned
>sharply southward after a solar wind disturbance arrived in the
>neighborhood of our planet. South-pointing IMFs make our magnetosphere
>more vulnerable than usual to solar wind gusts -- additional gusts could
>trigger Northern Lights.
>
>For more information visit http://www.spaceweather.com

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156. [propnet] mode?

From: "Wayne Colliander" <wcolliander@earthlink.net>
Date: Fri, 22 Dec 2000 17:58:11 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125934-2000.12.22-20.10.52--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is this MS experiment on 147.585 MHz to run on SSB, or FM mode? Not entirely clear from instructions.
Also, after checking the frequency for activity prior to activating MS mode (on FM) in the San
Francisco bay area, it appears the frequency is used by some people that think it is THEIR frequency and
 complain it's not consistant with the "band plan". Wishing to not upset anyone, I will not be
participating in this experiment at least on 2 mtrs. I have a 6mtr setup but only 20 watts output
power. What's the use with that low a power? Anybody doing 6 mtrs on the west coast?
Wayne,
KE6AJE

157. [propnet] QUADRANTIDS METEOR SHOWER REGISTRATION PAGE NOW OPEN

From: Richard Parry <rparry@qualcomm.com>
Date: Fri, 22 Dec 2000 19:22:59 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125943-2000.12.22-21.36.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

QUADRANTIDS METEOR SHOWER REGISTRATION PAGE OPEN - NEW AND IMPROVED!

Web Page registration is now available for those who will be participating
in the upcoming Quadrantids Meteor Shower event Jan 1-5, 2001. The purpose
of registering is to provide a real-time list of participants. This should
expedite communication and increase the chances of success. It should take
about 1 minute to complete. Click on the URL below and then click on REGISTER.

http://w9if.net/cgi-bin/beaconet/main.pl

thanks,
Rich Parry, W9IF

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158. [propnet] UIView32 and Meteor Mode

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 23 Dec 2000 10:12:20 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125996-2000.12.23-11.24.43--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Guess what I just discovered?

UIView32, version 1.38 here, allows the use of Meteor Mode on just
one port, if that's what I want.

THIS IS GREAT! I can run regular APRS on 2 meters, and meteor mode
on 6 meters! Just what I was hoping for!

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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159. [propnet] Two showers, no luck

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Sat, 23 Dec 2000 11:26:48 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125997-2000.12.23-11.38.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I pinged away during the Geminids and Ursids with no reports and nothing seen my end.

During the Ursids: running on 2M, 150W to 8 element yagi pointed at 100 degrees, mast mounted pre-amp.

- Bryan KB0OBT, EN35

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

160. [propnet] CD Software, KPC

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Sat, 23 Dec 2000 11:31:06 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-125998-2000.12.23-11.42.41--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a FYI, CD Software is supported in the KPC3 (note not +), ROM version
5.

I would think this could improve your hearing, as on a weak signal there
may be some delay before the rig breaks the squelch. With a little delay
you miss the begining of the packet, and then the packet fails the CRC
check, so it gets discarded.

-Bryan KB0OBT

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

161. [propnet] Re: Two showers, no luck

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 23 Dec 2000 10:33:51 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126025-2000.12.23-17.32.35--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:26 AM 12/23/00 -0600, Colleen LaPlante blasted the following out into
the ether:
>Well, I pinged away during the Geminids and Ursids with no reports and
>nothing seen my end.
>
>During the Ursids: running on 2M, 150W to 8 element yagi pointed at 100
>degrees, mast mounted pre-amp.
>
>- Bryan KB0OBT, EN35

      I find it strange that we don't have MORE positive results than we
do. For many years, I've heard of commercial uses of meteor scatter, like
tracking trucks and military stuff. They always seem to get the results
they want, why don't we?

      Do we need to run a kilowatt or more???

      Puzzled,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

162. [propnet] Re: Two showers, no luck

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Sun, 24 Dec 2000 00:53:25 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126052-2000.12.24-00.05.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
Subject: [propnet] Re: Two showers, no luck

>   Do we need to run a kilowatt or more???
>
well i have received reports on this list using 300 watts. Its probably
making my neighbors windows vibrate when i send packets.

Well it seems to me what we need is a FINDU central database server for
Propnet. A PropU server could just be a simple WinAPRS set up for the
internet. That way you can tell that you are being received without asking
for reports. i would attempt this but my router seems difficult to open to
the outside.

Respectively submitted,

Wm Seffens

Where is Bill by GPS location using HAM radio on 144.390 MHz: Try
www.findu.com/cgi-bin/find.cgi?kg4eyo
HAM station KG4EYO on Atlanta map: www.wa4dsy.net/aprs/ga-atl.html

---
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163. [propnet] Re: mode?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 23 Dec 2000 08:38:08 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126071-2000.12.24-07.05.03--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Wayne,
At present, all BEACONet operations use the FM mode. SSB would require quite exact tuning (within 100-hz) which is difficult to accomplish if you can't hear the DX station :o).

As for the frequency being occupied by simplex voice traffic in your locality...yes, there are pockets of activity around the continent (which is to be expected). Here are a couple of suggestions that may allow you to still join-in on the fun...

* Prime time is midnight to noon, local time. Find out if this is acceptible to them (they may be sleeping). If so, then try this: buy a cheap appliance timer-switch, set it to power-ON during this time, setup everything as normal, and power your transceiver through the timer.
  > By the way...the "most prime" of times is 3:00am until 9:00am local time, if that helps any more. Try to be creative, though... participating even from 2:00 amd until 7:00 am is better than not participating at all. You get the drift.

* Try 53.530-MHz instead (your suggestion, actually...I'm just restating it). Earl is in New Mexico on 24/7, so you'll have someone to play with. :o) 20-watts isn't much, though. It would be easy to get discouraged, which is not a good thing either.

* Participate on 147.585 without transmitting. The TNC/software doesn't care if there's voice traffic on a frequency, too. Maybe you can "catch" a falling star even if you can't "ride" it yourself. Just don't setup any of the TX parameters.

It's good to have you with us, Wayne. You are to be congradulated for using the "Good Amateur Practice" of listening first. Well done.

Ev, W2EV

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164. [propnet] Re: 223.780 Ev

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 23 Dec 2000 08:42:03 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126072-2000.12.24-07.05.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nothing heard...but we kinda figgured that. The Leonids are really the "best" opportunity as they are fast (good ionization) and many (100+ per hour).

The quads in early January will be upon us soon, and I'd like to try again, then. I've already registered W2AAA for 223.78-MHz (on http://go.to/METEORegistry). I will also be active on 147.585-MHz as W2EV. (then again, I may flip the calls...I dunno). Either way...I'll be on.

Thanks for trying!

Ev, W2EV
History ain't easy to make, is it!? :o)

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165. [propnet] Re: Two showers, no luck

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 23 Dec 2000 14:06:00 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126073-2000.12.24-07.05.28--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Such is the physics and chance of MS events. :o) I've had
events where I've been heard by 5 or 6 stations, while
nothing appears on my screen.

Geminids are coming in January. Keep the faith.
Ev

Colleen LaPlante wrote:
>
> Well, I pinged away during the Geminids and Ursids with no reports and nothing seen my end.
>
> During the Ursids: running on 2M, 150W to 8 element yagi pointed at 100 degrees, mast mounted pre-amp.
>
> - Bryan KB0OBT, EN35
>
> ---
> You are currently subscribed to propnet as: PROPNET@GREECENY.COM
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

---
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166. [propnet] Re: Two showers, no luck

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 24 Dec 2000 08:07:40 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126075-2000.12.24-07.17.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I find it strange that we don't have MORE
> positive results than we do. For many years,
> I've heard of commercial uses of meteor
> scatter, like tracking trucks and military
> stuff. They always seem to get the results
> they want, why don't we?
>
> Do we need to run a kilowatt or more???

There appears to be two major factors at play.
* ERP
* Antenna Pattern

I continuously tell folks that a *minimum* ERP to be heard
is around 400-watts and that more is better. Additionally,
BEACONet uses a "point-cast" philosophy (one source that is
[hopefully] picked up by many folks). The geometry of a
meteor burn is so random and the number of participants is
still quite statistically low (but growing steadily for each
major event) that the success rates -- to date -- are also
quite moderate.

The military seccesses use frequencies in the 45-MHz range
with multi megawatt ERP's with antenna patterns that bathe
the sky (relatively wide patterns).

Amateur limitations in power and antenna structure provide
more moderate results.

It would be interesting to go back over to the METEORegistry
page (http://go.to/METEORegistry) and look over that
participation for the last two meteor events to see how many
(as a percent) of the participants actually mustered the
400-watt minimum ERP. I'd bet relatively few.

If my hunch is correct, then it is just a matter of time
until we get more people with more power and our overall
success rate increases.

Ev

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167. [propnet] 223.780 Update

From: RickfordG@aol.com
Date: Sun, 24 Dec 2000 08:39:15 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126076-2000.12.24-07.51.21--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

<The quads in early January will be upon us soon, and I'd
like to try again, then. I've already registered W2AAA for
223.78-MHz >

Hi Ev and the rest of the gang.

I spent most of the day yesterday and will again today working on my 223 antenna system for the Quads shower. I will be putting the antenna on the tower feeding it with 700 thousands 75 ohm CATV hardline. My TX/RX have improved markedly at the 15 foot high and I can,t wait to see what it will do at 35 feet. I hope that these improvements will at the very least allow me to snag one of your pings. If you should RX one of mine Ill probably pass out. LOL If I take the time to learn how to use APRS for DOS I will also be on 147 level 2 if not then RX only.

It seams to me that someone else was interested in 223 also but I have not seen any posting from him / her.

Happy Holidays!

Rich
WD4RBX
EM84NM

PS
Nice opening on 6M to Barbados yesterday.

168. [propnet] Traffic on 147.585 and RXing Pings question

From: RickfordG@aol.com
Date: Sun, 24 Dec 2000 10:00:01 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126083-2000.12.24-09.12.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all

I also have local traffic on 147.585 but they usually quit around 9 / 10:00 PM. Also I have tried to call the strongest one and got no answer. I have heard them complaining about hearing strange noises (Packet). I also have another problem with 147.585. I live close to a digi for the local DX cluster that operates on 147.565 and I can hear the digi on 585. So here is my question. I have a 13 ele Yagi that I plan to use for Satellite work that will be mounted about 15 foot off the ground. I read some where that if you want to monitor for pings from TV stations you can mount your TV antenna at 45 degree elevation since the reflected signal will be coming down at that angle and pointing in the direction of the TV station of interest. Would this type of setup work for RXing 147 pings? I realize that for TX you would kill your radio horizon.

Thanks
Rich
EM84NM

169. [propnet] Re: Traffic on 147.585 and RXing Pings question

From: Jerry Flanders <jflanders2@home.com>
Date: Sun, 24 Dec 2000 10:43:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126090-2000.12.24-09.55.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Your beam will have a pattern that is down 3 Db at perhaps 15-25 degrees away from boresight (straight ahead) anyway, Rich. So pointing it slightly up is not going to "kill your radio horizon" at all.

Some satellite guys simply fix-mount the beam pointed up slightly like this
to avoid having to constantly change elevation - they get a relatively wide
elevation coverage that way, from horizon to perhaps 45 degrees el in the
main antenna lobe, and considerable radiation straight up as well (where
the sat is closer, and can work with less signal anyway).

Common TV antennas typically don't have much gain - this translates to a
very wide beamwidth. It is probably on the order of 90 degrees or so. That
is probably where the recommendation for a 45 degree elevation for TV
antennas came from. The meteor is not necessarily expected to be at 45
degrees.

Summary - Tilt it up 15 - 20 degrees. But expect your neighbors to think it
is "broke" because it is pointing skyward.

Jerry W4UK

At 10:00 AM 12/24/00 EST, you wrote:
>Hi all
>
><SNIP> I have a 13 ele Yagi that I plan to use for Satellite work that
>will be mounted about 15 foot off the ground. I read some where that if you
>want to monitor for pings from TV stations you can mount your TV antenna at
>45 degree elevation since the reflected signal will be coming down at that
>angle and pointing in the direction of the TV station of interest. Would
this
>type of setup work for RXing 147 pings? I realize that for TX you would kill
>your radio horizon.
>
>Thanks
>Rich
>EM84NM

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170. [propnet] SPA ENB No.64 (meteor info)

From: blitz <blitz@macronet.net>
Date: Sun, 24 Dec 2000 11:43:03 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126097-2000.12.24-10.55.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Subject: SPA ENB No.64
>
>SPA Electronic News Bulletin - http://www.popastro.com
>
>--------------------------- ListBot Sponsor -------------------------
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>---
>
>*********************************
>The SOCIETY for POPULAR ASTRONOMY
>*********************************
>=================================
>Electronic News Bulletin
>=================================
>Issue No 64 2000, December 24th.
>
>NOVEMBER 3-4 FIREBALL UPDATE
>By Alastair McBeath, SPA Meteor Section Director
>
>Further to the notice in SPA ENB 61 about this magnitude -8/-10 event
>around 19h05m-19h10m UT, a brief provisional report has just been
>prepared, and will shortly be available on the Meteor Section pages of the
>SPA's Website.
>
>PRELIMINARY GEMINID 2000 RESULTS
>By Alastair McBeath, SPA Meteor Section Director
>
>Early reports sent to the International Meteor Organisation and the SPA's
>Meteor Section within a week of the event suggest a fairly normal Geminid
>maximum occurred on December 13-14, as far as the bright moonlight allowed
>us to tell. Zenithal hourly rates (ZHRs) were over 100 nearly all night on
>December 13-14 from European results, and were around 120-130 +/- 10-15
>for a good part of that time. Observed rates were up to several Geminids a
>minute, based on the British data to arrive so far, and although the

>Geminids were generally bright, no Geminid fireballs brighter than
>magnitude -4 have yet been reported. Any further observations should be
>forwarded without delay!
>
>METEOR ACTIVITY FOR JANUARY 2001
>By Alastair McBeath, SPA Meteor Section Director
>
>The normally short, sharp Quadrantid peak gets the new millennium off to a
>rousing start, and is due around 12h UT on January 3, regrettably poorly
>timed for Britain. However the waxing gibbous Moon in Pisces will set soon
>after midnight on January 2-3 and by about 01h30m on January 3-4, which
>means dark skies for observers during the second half of both near-maximum
>nights, by when the circumpolar Quadrantid radiant in northern Bootes (at
>RA 15h20m, Dec +49 degrees) will have risen to a useful elevation. The
>shower's ZHR may vary from year to year (around 100-130 in recent years),
>and its peak time may change slightly too. Much lower rates away from the
>shower's peak should be seen between January 1-5, as moonlight allows.
>Quadrantids
>are medium-speed meteors, and can be reasonably bright. Photographers
>should try aiming their cameras towards Leo, Cassiopeia or Ursa Major's
>"front legs" for best results near the peak. Low activity may also be
>seen from the ill-known minor Coma Berenicids until
>January 23 or so. Their radiant is well on-view only after 23h UT, so
>moonlight means just the first days of January, or those after last
>quarter Moon, will be suitable for spotting any faint, very swift Coma
>Berenicid meteors.
>This year we are also issuing a special alert to cover a possible new
>minor shower, the January Coma Berenicids (probably quite separate from
>the Coma Berenicids). This shower is perhaps only periodically active, and
>may be associated with the poorly-observed Comet Lowe 1913 I, seen briefly
>at only one return, but which may also have been observed in 1750. The
>radiant should be near RA 12h32m, Dec +22 degrees, producing its maximum
>activity around January 24. Any meteors would be swift-moving, similar to
>the Perseids of July-August. Determining more about this possible shower
>is important, since Comet Lowe may have the potential to impact the Earth
>in
>the second half of the 21st century. Further details on this shower, and
>how to observe meteors and where to submit your reports, can be found on
>the Meteor Section pages of the SPA's Website at http://www.popastro.com .
>Good luck and clear skies!
>
>ENHANCED URSID SHOWER
>
>Sky watchers in Europe and on the US west coast spotted a modest outburst
>of Ursid meteors Thursday night. Astronomers had hoped for a more
>impressive display, but the flurry of faint shooting stars was
>nevertheless welcomed because it confirmed a new model of cometary debris
>streams.
>
>OCCULTATION EVENTS DURING THE TOTAL ECLIPSE OF THE MOON, 09/01/2001
>By Jon Harper
>SPA Lunar Occultation Section
>
>The following information is taken from The Occultation Section's web
>page. Please visit for other occultation information
>
>JANUARY   9   TOTAL ECLIPSE OF THE MOON.   When the moon lies in
>the Earth's shadow, we get the rare opportunity of being able to observe
>many faint stars being occulted as the dimly illuminated moon travels
>eastwards. I therefore invite you to look through your telescopes, or
>firmly fixed binoculars and see how many of these events you can record.
>Here are three events involving a 5th. and a 6th. magnitude star, within
>the constellation GEMINI where the eclipse takes place. Incidentally,
>during totality, the moon lies very near to the planetary nebula NGC 2392,
>the famous "Eskimo" or
>"Clown's Face" planetary. It lies just to the upper right in an
>astronomical telescope. You'll never have a better opportunity than this
>to observe the Eskimo so close to the Full Moon!
>   ECLIPSE DATA:
>MOON ENTERS PENUMBRA: 17h 44m
>MOON ENTERS UMBRA: 18h 42m
>TOTALITY BEGINS: 19h 50m
>MID-ECLIPSE: 20h 20m
>TOTALITY ENDS: 20h 52m
>MOON LEAVES UMBRA: 21h 59m
>MOON LEAVES PENUMBRA: 22h 58m
>OCCULTATIONS OF FAINT STARS DURING THE ECLIPSE ---- Brightest events
>
>SAO79386 GEMINORUM 63 GEMINORUM (ZC1129) 63 GEMINORUM (ZC1129)

>Date   Jan 9   Jan 9   Jan 9
>Mag   6.5   5.3   5.3
>Event Disappearance Disappearance grazing S.Limb Reappearance
>Time (Greenwich) 19h 49m   20h 22m   20h 44m
>Position Angle   143   157   201
>Time (Edinburgh)   19h 47m
>Position Angle   125
>
>PLEASE NOTE As the time of the event varies depending on your local
>latitude and longitude, you are advised to start watching about 10 minutes
>before the times given.
>
>NAKED EYE COMET FOR NEXT CHRISTMAS
>
>An 18th magnitude "asteroid" first detected by the LINEAR Telescope on
>November 16th, but later shown to be a distant comet, could become a naked
>eye object in November and December 2001. An estimate based on its current
>brightness suggests that it could reach about magnitude 4.5 by late
>November 2001, but could do better if it is a new comet and brightens
>rapidly initially. The object, designated 2000 WM1, was at about 6AU (900
>million kilometres) from the Sun - well beyond the orbit of Jupiter when
>discovered. With a full month of observations available to calculate the
>comets orbit it should show very little change even as new data arrive.
>The comet, now named Comet C/2000 WM1 (LINEAR), will reach perihelion
>around 18:30UT on January 22nd 2002, at 0.555AU (83 million kilometres)
>from the
>Sun.   Initially the comet will be a northern hemisphere object only.
>However, in early December 2001 it will pass quite close to the Earth
>(0.32AU, or 49 million kilometres) and, around this time will cross
>rapidly to the southern hemisphere. At the time of closest approach it
>will be close to opposition and visible almost all night. An estimate of
>its brightness suggests that it is of about average size perhaps 3km in
>diameter and that its average magnitude, that is, the brightness that it
>would have if it were simultaneously 1AU (150 million kilometres) from the
>Sun and the Earth, is 6.5. This is 10 times fainter than Comet Halley and
>nearly 1000 times fainter than Comet Hale-Bopp, but comparable with 1996¦s
>beautiful Comet Hyakutake. If it were to behave like an average comet, it
>might be expected to reach magnitude 4.6 by mid-December 2001. This is
>bright enough to be easily visible to the naked-eye from a dark site.
>However, if it is a new comet and brightens rapidly initially, it could
>even be significantly better than this. A new comet often has a layer of
>very volatile carbon monoxide ice on the surface of its nucleus. This ice
>coating sublimes violently at a large distance from the Sun, making the
>comet brighten very rapidly - at least initially - although close to the
>Sun such comets "slow down" considerably.   The comet should be visible
>continuously through perihelion
>as it recedes from the Earth, although it will only be visible from the
>southern hemisphere during January 2002. After perihelion it will move
>back north. At perihelion it may be as bright as magnitude 4.0, but will
>fade rapidly afterwards. During late December and early January 2001-2002
>the comet will be almost side-on to the Earth, showing the maximum extent
>of its tail in the sky. Although no comet can be relied upon completely,
>there is a very good chance that Comet C/2000 WM1 (LINEAR) will be a
>naked-eye Christmas comet for 2001.
>
>NEAR MISS ASTEROID
>
>A 50 metre diameter asteroid called 2000 YA passed only about 0.0049 AU
>from the Earth on Dec. 22.
>
>ADDITIONAL SATURN MOONS
>
>The International Astronomical Union has this week announced the discovery
>of yet two more tiny moons of Saturn designated S/2000 11 and S/2000 12.
>
>OCEAN UNDER GANYMEDE
>
>A thick layer of melted, salty water somewhere beneath Ganymede's icy
>crust would be the best way to explain some of the magnetic readings taken
>by NASA's Galileo spacecraft during close approaches to Ganymede in May
>2000 and earlier, according to one new report. In addition, the types of
>minerals on parts of Ganymede's surface suggest that, in the past, salty
>water may have emerged from below or melted at the surface. Natural
>radioactivity in Ganymede's rocky interior should provide enough heating
>to maintain a stable layer of liquid water between two layers of ice,
>about 90 to 120 miles below the surface.
>
>EVOLUTION OF MARS ATMOSPHERE
>

>Though Mars lacks a global protective magnetic shield like that of the
>Earth, strong localised magnetic fields embedded in the crust appear to be
>a significant barrier to erosion of the atmosphere by the solar wind.
>This conclusion by a researcher at the University of California, Berkeley,
>emerges from a new map of the limits of the planet's ionosphere obtained
>by the Mars Global Surveyor spacecraft. The findings suggest that such
>crustal fields could have played an important role in the past evolution
>of Mars' atmosphere. If, as some Mars experts think, much of the planet's
>atmosphere was stripped away by the solar wind, the map shows where the
>solar wind did, and continues to do, the most damage. Mars at one time
>presumably had an interior dynamo like that of the Earth, which would have
>generated a global magnetic field to shield the atmosphere from the solar
>wind.   Data reported in 1998 from the same spacecraft indicated that Mars
>probably lost its magnetosphere about four billion years ago, at which
>time the atmosphere would have felt the full force of the ionised-particle
>sirocco from the Sun. While at one time the planet apparently had an
>atmosphere dense enough to allow liquid water to flow on the surface, most
>of that has since disappeared. A crucial finding was that ancient
>asteroid or comet impacts wiped out part of the crustal magnetism, and
>those regions were not subsequently remagnetised. Because there are
>demagnetised craters some four billion years old, the dynamo must have
>wound down at least that
>long ago.
>
>THREE NEW SOUTHERN PLANETS
>
>Three planets orbiting stars like our Sun have been newly discovered by an
>international team of astronomers. The three planets are relatively close
>to our solar system, within 150 light-years of Earth. They are the first
>to be found by the Anglo-Australian Telescope. One of the new planets is
>a gas giant, estimated to be about the size of Jupiter. It is circling in
>an Earth-like orbit around Epsilon Reticuli. The planet is in the
>so-called "habitable region" of its parent star, meaning that liquid water
>could exist on its surface. The smallest of the newly discovered planets
>is an object called a "hot Jupiter" because it sits just six million
>kilometres from its parent star, HR 7291 in the constellation Sagittarius.
>The planet, with a mass 84 per cent of that of Jupiter, orbits the star in
>only three days. The third of the new planets is almost twice as massive
>as Jupiter. It circles a star called Mu Arae, and occupies an orbit a bit
>further than Mars is from our Sun. The discovery brings the total number
>of known exoplanets to about 50.
>
>EVIDENCE FOR MAGNETARS
>
>Astronomers have announced evidence that may support the existence of
>magnetars, a bizarre class of neutron stars with incredibly intense
>magnetic fields. Utrecht University in the Netherlands and the California
>Institute of Technology reported the discovery of an optical counterpart
>to a member of a class of objects known as anomalous X-ray pulsars (AXPs)
>that had previously been linked to the hypothetical magnetars. The
>optical counterpart to the AXP, designated 4U 0142+61, was discovered in
>images taken by the two 10-metre Keck telescopes in Hawaii in 1994 and
>1999. The visible-light star seen in the Keck images matches the position
>of 4U 0142+61, the brightest of the handful of known AXPs. AXPs are
>objects that
>emit regular bursts of X-rays. Earlier this year other astronomers
>definitely linked AXPs to pulsars, rapidly spinning neutron stars that
>also emit regular bursts of energy, but at radio wavelengths rather than
>the more energetic X-rays of the AXPs. The AXPs' source of energy,
>though, has remained a mystery. The discovery of the visible counterpart
>to 4U 0142+61 allowed astronomers to consider two possible sources of
>energy for the object: an accretion disk of matter surrounding the pulsar,
>left over from its creation by a supernova explosion, and the decay of an
>intense magnetic field generated by the pulsar. The former explanation
>was ruled out when
>models of accretion disks computed a brightness for the optical
>counterpart much higher than observed. The alternative would require that
>the X-ray and visible light come from a powerful magnetosphere generated
>by the pulsar. Such an object would have to have a magnetic field
>measuring 10 to the power 15 -- a thousand million million -- gauss. By
>comparison, the Sun's general magnetic field, the most powerful in the
>solar system, is only a few gauss (though in sunspots the fields may rise
>locally to a few thousand gauss) while the Earth's is less than one gauss.
>Scientists had hypothesised the existence of such intensely magnetised
>pulsars for nearly a decade, dubbing them magnetars. They were first
>proposed to explain a
>class of gamma-ray bursts known as soft gamma-ray repeaters (SGRs) that
>sporadically generate bursts of gamma rays. The first strong evidence for
>magnetars came in 1998, when astronomers detected a slowdown in rotation

>rate of one SGR that could not be explained by accretion disks or other
>models, but could be explained if the star had a magnetic field powerful
>enough to distort the star's surface, triggering "starquakes" that
>released gamma rays. AXPs are thought to be related to SGRs, as both have
>similar pulse periods as well as similar X-ray luminosities and spectra.
>
>MOST MASSIVE SPIRAL GALAXY
>
>The most massive spiral galaxy known so far has been discovered by a team
>of astronomers from Garching, Padova, Leiden, ESO and London. They base
>their conclusion on recent observations with ISAAC, an infrared-sensitive,
>multi-mode instrument on ESO's Very Large Telescope at the Paranal
>Observatory. The galaxy has been designated ISOHDFS 27 and is located at
>a distance of approximately 6 billion light-years (the redshift is 0.58).
>Its deduced mass is more than 1000 billion (10 to the power 12) times that
>of the Sun. It is thus about four times more massive than our own Galaxy,
>the Milky Way, and twice as much as the most massive spiral galaxy known
>previously. This is the first time that a "rotation curve" has been
>observed in such a distant galaxy by means of infrared observations,
>allowing a dynamical study. Other observations by the team concern a pair
>of distant, interacting galaxies that were also found to possess
>comparably high masses. The team also has observations of a third galaxy
>at a distance of about 10 billion light-years, with a mass that approaches
>that of ISOHDFS 27. The new result has important cosmological
>implications, as it demonstrates that very massive structures had already
>been formed in the Universe at a comparatively early epoch.
>
>BIG BANG PREDICTION VERIFIED
>
>A fundamental prediction of the Big Bang theory has finally been verified.
>For the first time, an actual measurement has been made of the temperature
>of the cosmic microwave background radiation, at a time when the Universe
>was only about 2.5 billion years old. This fundamental and very difficult
>observation was achieved by a team of astronomers from India, France and
>ESO. They obtained a detailed spectrum of a distant quasar known as PKS
>1232+0815, using the UV-Visual Echelle Spectrograph (UVES) instrument at
>the ESO 8.2-m VLT KUEYEN telescope at the Paranal Observatory. If the
>Universe
>was indeed formed in a Big Bang, as most astrophysicists believe, the glow
>of this primeval fireball should have been warmer in the past. This is
>exactly what is found by the new measurements. The analysis of the VLT
>spectrum of the distant quasar not only gives the definitive proof of the
>presence of the relict radiation in the early Universe, it also shows that
>it was indeed significantly warmer than it is today, as predicted by the
>theory.   The new VLT spectrum of the quasar provides the long hoped-for
>break-through in this important area of cosmological research.   A
>subsequent, detailed analysis allowed the determination of the physical
>conditions in the cloud - the presence of molecular hydrogen lines was
>crucial for this to succeed. It clearly showed that the excitation process
>of atomic collisions cannot be solely responsible for the shape and
>strength
>of the observed absorption lines. An additional source of excitation must
>thus be present and this can only be the heating by the CMBR. The primary
>outcome is therefore the first firm evidence that the relict radiation was
>also present in the distant past. Moreover, it was possible to place
>constraints on the effect of other possible excitation processes. This
>made it possible for the astronomers to derive the temperature T of the
>CMBR at this large distance and early cosmic epoch and to place a very
>firm lower limit on this temperature. The final result is that T is hotter
>than 6 K and
>cooler than 14 K; this is in full agreement with the Big Bang prediction
>of T = 9 K. This is thus the first real proof that the CMBR was indeed
>warmer in the past.
>
>BLACK HOLES' ENERGY CONTRIBUTION
>
>A team of astronomers has suggested that supermassive black holes
>contribute about as much energy to the Universe as all the stars combined.
>Many have formed recently rather than in the early, violent stages of
>galaxy birth. And, at any give time in the history of the Universe, about
>10 per cent of all supermassive black holes are actively pulling in huge
>quantities of gas and whole stars. Those are but a few of the revelations
>brought forth by the first multi-wavelength observations of the distant
>and exotic objects that constitute what astronomers call the X-ray
>background, which produces an evenly spread veil of X-rays across the
>entire sky. At least 15 per cent of supermassive black holes have formed
>since the Universe was half its present age. That challenges the widely
>held view,
>based on the relationship between the sizes of black holes and their host

>galaxies, that the black holes formed when the galaxies formed. Instead,
>it seems that the black holes are still growing at the present time. With
>such follow-up, the team was able to map the energy production by
>supermassive black holes throughout the history of the Universe and
>determine the time history of the supermassive-black-hole formation
>process. The discovery that 10 per cent of the black holes are active at
>any time implies that black-hole growth is a slow, ongoing process, with
>the galaxies spending more than a billion years in creating the black
>holes at their centres. Moreover, the time intervals found for the
>black-hole growth are much longer than would be expected if the black
>holes were formed in violent galaxy mergers, as has often been speculated.
>
>XMM NEWTON STUDIES ANDROMEDA GALAXY
>
>The Andromeda galaxy (M31), `only' 2.6 million light years away, is an
>obvious field of study for X-ray astronomy. XMM-Newton has observed its
>centre, revealing many new point sources and the probable presence of a
>very hot diffuse gas which contributes to the overall X-ray luminosity.
>Sources in M31 are at a nearly uniform distance, and, because the galaxy
>is inclined, there is less intervening matter and the sources are less
>obscured than those in our own Galactic plane. Andromeda is in many
>respects similar to our Milky Way. Observations of Andromeda with the
>EPIC-MOS and EPIC-pn cameras have detected more than a hundred discrete
>point sources, more than two dozen of which had never been seen before but
>which have been registered owing to XMM-Newton's improved sensitivity.
>Amongst the binary systems is one transient source with a neutron star.
>Others may hide black holes. Another object is a transient source which
>is still active, eight months after being first detected by NASA's Chandra
>X-ray observatory. Periodic oscillations are revealed in yet another
>source detected by XMM-Newton. From its nearly-10-hour-long exposure on
>Andromeda, XMM-Newton has also provided new insights into the galaxy's
>central region and particularly its so-far-unresolved soft-X-ray emission.
>With its improved angular resolution and much greater X-ray collecting
>area, XMM-Newton shows that part of that emission is featureless. Its
>spectra do not reveal emission lines, and the emission probably comes from
>even more unseen point sources, probably low-mass X-ray binary stars. But
>10-20% of the X-ray glow is of a totally different nature: XMM-Newton has
>for the first time identified a component of truly diffuse emission,
>containing multiple emission lines indicating the presence of various
>chemical elements. That suggests and corresponds to models of a thin,
>extremely hot plasma -- in excess of a million degrees -- a kind of
>interstellar broth that is quite distinct from the typical emission
>spectra of point sources. It is likely that much of the hot gas is
>produced in supernova explosions, and by measuring how much of this gas is
>present, we should be able to estimate the rate of supernovae in M31.
>
>NASA CONTACTS OLDEST SPACECRAFT
>
>NASA has successfully contacted Pioneer 6, thirty-five years after the
>space agency's oldest working spacecraft was launched into solar orbit on
>what was to have been a six-month mission. NASA used its 70-metre dish
>antenna in Goldstone, California to lock onto a signal from the
>spacecraft's 8-watt transmitter. At the time, the spacecraft was 83
>million miles from Earth. During the downlink, data dribbled down to
>Earth from Pioneer 6 at just 16 bits per second. NASA did not attempt to
>send any commands to the TRW
>Inc.-built spacecraft. The first - and sole survivor - of a series of
>four identical spacecraft, Pioneer 6 was designed for a fleeting six-month
>mission to study the solar wind, magnetic field and cosmic rays. During
>its decades in space, Pioneer has steadily orbited the Sun at a mean
>distance of 0.8 AU, or 74 million miles. However, contact with NASA's
>next-oldest spacecraft, Pioneer 10, is a different matter. That probe,
>launched in 1972, is now more than 7 billion miles (11 billion kilometres)
>from Earth, making it increasingly difficult to track. By this time next
>year, that may
>have become all but impossible.
>
>NEW MARS LIFE EVIDENCE
>
>A new scientific report offers compelling evidence that primitive life
>existed on Mars. Tiny magnetite crystals, identical to those used by
>aqueous bacteria on Earth as compasses to find food and energy, have been
>found in the Martian meteorite ALH84001. Written by a group of scientists
>at Johnson Space Center and funded by the NASA Astrobiology Institute, the
>report strongly supports the primitive life on Mars hypothesis. Magnetite
>is produced inorganically on Earth, but the magnetite crystals produced by
>magnetotactic bacteria are different as they are chemically pure and
>defect-free. Their size and shape is distinct. Magnetotactic bacteria
>arrange these magnetite crystals in chains within their cells. Their

>characteristics make the magnetite crystals very efficient compasses,
>which are essential to the survival behaviour of the bacteria. No-one has
>found terrestrial inorganic magnetites, produced either naturally or in
>the laboratory, that mimic all the properties displayed by biogenic
>magnetites.
>
>VOYAGER 1 LATEST
>
>The Voyager 1 spacecraft, the farthest man-made object from Earth, may
>reach the beginning of a boundary region of the Sun between early next
>year and the end of 2003. The feature, called the termination shock, is
>not quite where the Sun's influence ends. It is where a pressure wave
>backs up from an even farther-out boundary, the heliopause, where the
>region of space dominated by particles streaming from the Sun ends and
>interstellar space begins. Voyager 1 left Earth in 1977 and made a string
>of discoveries while flying past Jupiter in 1979 and Saturn in 1980. It
>is now about twice as far from the Sun as Pluto's orbit. Its twin,
>Voyager 2, made a grand
>tour of four outer planets and is currently about 80 per cent as distant
>as Voyager 1. NASA's current mission for both craft is to learn more
>about the edge of the solar system and what is just outside it.
>
>HERSCHEL SPACE OBSERVATORY
>
>ESA's Far Infrared and Submillimeter Telescope (FIRST), has been re-named
>the Herschel Space Observatory in honour of Sir William Herschel.
>Currently scheduled for launch on February 15, 2007, aboard an Ariane 5
>rocket, the Herschel Space Observatory will be positioned at the L2
>LaGrange point located around 1 million miles from Earth where the gravity
>influence between the Earth and the Sun is uniform.
>
>PLUTO MISSION REVIVED
>
>NASA has given new life to prospects for a Pluto mission, saying it would
>solicit proposals for a revised mission to the outermost planet in our
>solar system. While the agency doesn't have a required launch date for
>the mission, officials said they would like to have the spacecraft reach
>Pluto by 2015.
>
>GEORGE ALCOCK DIES
>
>Comet hunter George Alcock has died at the age of 88.
>
>
>Bulletin compiled by Clive Down
>
>**
>(c) 2000 the Society for Popular Astronomy
>
>**
>
>If you are not an SPA member, please treat these Bulletins as information
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171. [propnet] Re: Traffic on 147.585 and RXing Pings question

From: RickfordG@aol.com
Date: Sun, 24 Dec 2000 12:34:38 EST
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126119-2000.12.24-11.46.45--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 12/24/2000 10:44:37 AM Eastern Standard Time,
jflanders2@home.com writes:

> Summary - Tilt it up 15 - 20 degrees. But expect your neighbors to think it
> is "broke" because it is pointing skyward.
>
>

Thanks Jerry.
Rich

172. [propnet] Re: mode?

From: "Wayne Colliander" <wcolliander@earthlink.net>
Date: Sun, 24 Dec 2000 09:54:10 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126120-2000.12.24-12.06.13--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Sent: Saturday, December 23, 2000 5:38 AM
Subject: [propnet] Re: mode?

> Hi Wayne,
> At present, all BEACONet operations use the FM mode. SSB
> would require quite exact tuning (within 100-hz) which is
> difficult to accomplish if you can't hear the DX station
> :o).
>
Ev,
Thanks so much for the suggestion to just listen. For some reason this never occured to me. I think listening would still be interesting and fun to do. Anybody want my "BRICK", ha, just kidding. I'll try to figure out how to cut off the tramsmitter and just listen from here for now on 147 MHZ.
I will probly won't be able to increase ERP of my 6 mtr station, an Alinco DM-R06, unless I mod my old GE Master II. I can get 100 watts from it, but I have not researced how to connect it for packet. Anyone done this yet? Help would be appreciated!
Maybe a project for later. I have both a 4 element and a 5 element 6 mtr antenna, so I might get closer to the 400 wate ERP suggested with this configuration.
I am using a KPC-3 and a KPC -3+. I just installed the latest rev ROMs and clock chips in both.
Do you know if both TNCs can be run from one computer, one on each com port. Has anyone done this as yet? Dose the data from both ports get plotted to the map?
Thanks again
Wayne

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173. [propnet] Re: Two showers, no luck

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 24 Dec 2000 15:10:25 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126141-2000.12.24-16.26.17--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:53 AM 12/24/00 -0500, Wm Seffens blasted the following out into the ether:
>----- Original Message -----
>From: Earl Needham <KD5XB@AMSAT.ORG>
>Subject: [propnet] Re: Two showers, no luck
>
> > >   Do we need to run a kilowatt or more???
> >
>well i have received reports on this list using 300 watts. Its probably
>making my neighbors windows vibrate when i send packets.

      I've seen them, too, but they don't happen very often. On the other hand, the military stuff goes 24/7 with fairly good results. It would be nice if we could, too.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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174. [propnet] Re: mode?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 24 Dec 2000 15:17:44 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126142-2000.12.24-16.30.54--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:54 AM 12/24/00 -0800, Wayne Colliander blasted the following out into
the ether:
><snip>
>Ev,
>Thanks so much for the suggestion to just listen. For some reason this never
>occured to me. I think listening would still be interesting and fun to do.
>Anybody want my "BRICK", ha, just kidding. I'll try to figure out how to cut
>off the tramsmitter and just listen from here for now on 147 MHZ.
>I will probly won't be able to increase ERP of my 6 mtr station, an Alinco
>DM-R06, unless I mod my old GE Master II. I can get 100 watts from it, but I
>have not researced how to connect it for packet. Anyone done this yet? Help
>would be appreciated!

Take a look at www.packetradio.com and I bet you'll find some info.

>Maybe a project for later. I have both a 4 element and a 5 element 6 mtr
>antenna, so I might get closer to the 400 wate ERP suggested with this
>configuration.
>I am using a KPC-3 and a KPC -3+. I just installed the latest rev ROMs and
>clock chips in both.
>Do you know if both TNCs can be run from one computer, one on each com port.
>Has anyone done this as yet? Dose the data from both ports get plotted to
>the map?

Yes, it works quite well. I do exactly this with UIView32 AND
WinAPRS running on the same machine. AGWPE ties it all together. UIView32
will even let me cross-band repeat and run meteor mode on one or both
ports. Very versatile that way.

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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175. [propnet] Different transmit schedule for Meteor?

From: Colleen LaPlante <colleenlaplante@mn.mediaone.net>
Date: Mon, 25 Dec 2000 10:05:30 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126211-2000.12.25-10.17.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm new to this so maybe this idea has been thought of before---bear with
me.

If we need 400W ERP to have a decent chance of making a MS contact, then
most of us will be using beams, not omni antennas (since most will use <200
W brick amps). The current transmit schedule calls for 4 different

intervals based on the four quadrants of the US. We've got quite a few
stations in the NE quadrant (including me in Minnesota!) all squawking at
the same time. I'd think that is hurting our short (i.e. easy) contacts.
 If both of us are transmitting, then who's listening? Since both stations
are probably using beams, how about setting the transmit schedule in line
with your antenna heading?

Examples: beam N to E: trx 0-14 after the minute
beam E to S: trx 15 to 29 after
beam S to W: trx 30 to 44 after
beam W to N trx 45 to 60 after

Now two nearby stations in the same quadrant, if beaming at each other
aren't transmitting at the same time. They only transmit at the same time
if their beam headings are roughly equal, in which case both stations are
hearing each other 'off the back', which is usually at least 12 dB down...
so they are unlikely to work each other anyhow.

What about the guy with the 400W tube amp., and an omni? I guess my
suggestion is that it is his call.

73 - Bryan - KB0OBT - EN35KB - Minnesota

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176. [propnet] Re: Different transmit schedule for Meteor?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 27 Dec 2000 10:26:44 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126435-2000.12.27-09.36.08--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bryan,
I have to admit that I've not spent a lot of time working on
this (I have a ton of other irons in the fire right
now...almost all of them have to do with my twins or
BEACONet <g>), but I see merit in your suggestion.

I'm going to spend the next couple of days contemplating
your suggestion and would ask others to do so too. I've
never been really comfortable with Bob's Quadrant-method of
determining transmit slot for exactly the reason you mention
(Minn. to NY is a LOOOOONG path on MS, but doubtful to make
because we are in the same Quad).

Nice job in getting us to "think outside of the box"! :o)

Ev, W2EV

Colleen LaPlante wrote:
>
> I'm new to this so maybe this idea has been thought of before---bear with
> me.
>
> If we need 400W ERP to have a decent chance of making a MS contact, then
> most of us will be using beams, not omni antennas (since most will use <200
> W brick amps). The current transmit schedule calls for 4 different
> intervals based on the four quadrants of the US. We've got quite a few
> stations in the NE quadrant (including me in Minnesota!) all squawking at
> the same time. I'd think that is hurting our short (i.e. easy) contacts.
> If both of us are transmitting, then who's listening? Since both stations
> are probably using beams, how about setting the transmit schedule in line
> with your antenna heading?
>
> Examples: beam N to E: trx 0-14 after the minute
> beam E to S: trx 15 to 29 after
> beam S to W: trx 30 to 44 after
> beam W to N trx 45 to 60 after
>
> Now two nearby stations in the same quadrant, if beaming at each other
> aren't transmitting at the same time. They only transmit at the same time
> if their beam headings are roughly equal, in which case both stations are
> hearing each other 'off the back', which is usually at least 12 dB down...
> so they are unlikely to work each other anyhow.

>
> What about the guy with the 400W tube amp., and an omni? I guess my
> suggestion is that it is his call.
>
> 73 - Bryan - KB0OBT - EN35KB - Minnesota
>
> ---
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---
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177. [propnet] Re: Different transmit schedule for Meteor?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Wed, 27 Dec 2000 10:34:10 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126436-2000.12.27-09.43.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Examples: beam N to E: trx 0-14 after the minute
> beam E to S: trx 15 to 29 after
> beam S to W: trx 30 to 44 after
> beam W to N trx 45 to 60 after
>
> Now two nearby stations in the same quadrant, if
> beaming at each other aren't transmitting at the
> same time. They only transmit at the same time
> if their beam headings are roughly equal

This is the only "down-side" I can think of...a few stations
in the "middle" of the country, aiming in opposite
directions. In this case there would be only 30-seconds of
RX time, as 15-seconds will be consumed listening to the
other local station.

If W0AAA is pointed Southeast (TX from 15 to 29 seconds
after the minute, and W0BBB is pointed Northwest (TX from 45
to 59 seconds after the minute) each will be transmitting
during the time when the other will be expecting to hear DX.

Now...the Y2k question...is this a likely-to-occur incident
or are we addressing an issue that is not likely to occur?

Anyway...this was my initial thought on the topic. I'll
spend more time at it.

Ev, W2EV

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178. [propnet] Re: Different transmit schedule for Meteor?

From: Jerry Flanders <jflanders2@home.com>
Date: Wed, 27 Dec 2000 11:09:55 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126439-2000.12.27-10.21.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The recent Leonids was my first event. and I initially spent some time
wondering what beam direction would maximize my chances (once I got the
rotator working). But when I discovered the map linked to the beaconnet
page which showed where the registered participitants were located, the
preferred direction was obvious: You beam toward where the
properly-distanced stations are. For me in SC (EM93an), this was up the
East coast.

Jerry W4UK

At 10:26 AM 12/27/00 -0500, you wrote:
>Bryan,
>I have to admit that I've not spent a lot of time working on
>this (I have a ton of other irons in the fire right
>now...almost all of them have to do with my twins or
>BEACONet <g>), but I see merit in your suggestion.
>
>I'm going to spend the next couple of days contemplating

>your suggestion and would ask others to do so too. I've
>never been really comfortable with Bob's Quadrant-method of
>determining transmit slot for exactly the reason you mention
>(Minn. to NY is a LOOOOONG path on MS, but doubtful to make
>because we are in the same Quad).
>
>Nice job in getting us to "think outside of the box"! :o)
>
>Ev, W2EV
>
>
>Colleen LaPlante wrote:
>>
>> I'm new to this so maybe this idea has been thought of before---bear with
>> me.
>>
>> If we need 400W ERP to have a decent chance of making a MS contact, then
>> most of us will be using beams, not omni antennas (since most will use <200
>> W brick amps). The current transmit schedule calls for 4 different
>> intervals based on the four quadrants of the US. We've got quite a few
>> stations in the NE quadrant (including me in Minnesota!) all squawking
<SNIP>

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179. [propnet] Re: Different transmit schedule for Meteor?

From: Jerry Flanders <jflanders2@home.com>
Date: Wed, 27 Dec 2000 11:43:20 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126445-2000.12.27-10.54.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At some point in our evolution, we should provide for and encourage SWL
participation, and not just assume that _everybody_ will be transmitting.

If we had enough guys listening, those of us who can transmit could profit
from listening less and transmitting more, obviating the need to schedule
transmissions to only certain time windows.

Perhaps a notification on some of the SWL newsgroups would stir some
interest among them. I think a cut down a Radio Shack FM antenna can work
well on the 2M band, so a scanner and computer running UI-View plus the
software TNC (agwpe) along with a $20 antenna investment could possibly
result in a nice receive-only station to add to our numbers. A hundred
receiving sites like this scattered around could add a whole new dimension
to the group.

Some of those who now count FM broadcast station enhancements would surely
join us. Also, the Leonids might be at the right time of the year to become
a good high school science-fair MS project if somebody could push that.
More listeners!

Jerry W4UK

At 10:26 AM 12/27/00 -0500, you wrote:
>Bryan,
>I have to admit that I've not spent a lot of time working on
>this (I have a ton of other irons in the fire right
>now...almost all of them have to do with my twins or
>BEACONet <g>), but I see merit in your suggestion.
>
>I'm going to spend the next couple of days contemplating
>your suggestion and would ask others to do so too. I've
>never been really comfortable with Bob's Quadrant-method of
>determining transmit slot for exactly the reason you mention
>(Minn. to NY is a LOOOOONG path on MS, but doubtful to make
>because we are in the same Quad).
>
>Nice job in getting us to "think outside of the box"! :o)
>
>Ev, W2EV
>
>
>SNIP

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180. [propnet] ID & NOID

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 27 Dec 2000 07:30:01 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126513-2000.12.27-16.07.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I read Cap's message on the APRSSIG, but it got deleted before I was
done with it.

      I also wish NOID was used more. As for CAP's statement that most in
the western U.S. are using NOID, well, I'm not too sure. Check this out --

      Here's what I transmit, as recorded from my nearest digi:

>KD5XB-2>APW247,WA5IHL-11*,WIDE4-4:=3425.85N/10313.55W-PHG5130/Earl,
>Clovis, NM USA -NMCURCLOVIS -247-<530>

      Here's what gets to FINDU:

>KD5XB-2>APW247,KD7DR-3*,WIDE4:=3425.85N/10313.55W-PHG5130/Earl, Clovis, NM
>USA -NMCURCLOVIS -247-<530>

      Obviously, vicinity plotting will put me near KD7DR-3, in
Arizona. Unless I miss my guess, KD7DR-3 is using ID, and I think all the
ones in New Mexico do the same.

      Now, what did we decide UI-View32 does way back when? I remember a
discussion on it, but I can't remember what we came up with.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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181. [propnet] Technical reasons for FM versus SSB for meteor scatter?

From: "Douglas Quagliana" <dquagliana@hotmail.com>
Date: Wed, 27 Dec 2000 23:52:03
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126537-2000.12.27-18.04.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ed writes:

>At present, all BEACONet operations use the FM mode. SSB
>would require quite exact tuning (within 100-hz) which is
>difficult to accomplish if you can't hear the DX station
>:o).

Ok, there would be an unknown frequency offset when
using SSB, but a soundcard running some simple DSP software
on the host computer could easily determine the frequency
error. This isn't hard. And we already have 1200 packet
packet stations running with soundcards to generate audio
to be fed to FM transmitters. With just a software change
you could feed (admittedly, different) audio to a SSB
transmitter.

Assuming that the goal is to maximize bits received
via meteor scatter ionization trails, are there reasons
other than an unknown frequency offset that make FM
technically superior to SSB ? or is it just that
everyone is running FM already ?

Douglas KA2UPW

dquagliana@hotmail.com
"Satellite/QRP/Mobile...all at the same time!"

_____
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---
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182. [propnet] Fwd: AstroAlert: Meteor Shower to Welcome 2001

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Wed, 27 Dec 2000 17:17:38 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126554-2000.12.27-19.20.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Date: Wed, 27 Dec 2000 11:47:33 -0800
>From: Robert Lunsford <lunro.imo.usa@home.com>
>Organization: ALPOMS, AMS, & IMO
>X-Mailer: Mozilla 4.61 [en]C-AtHome0407 (Win98; U)
>X-Accept-Language: en
>To: Meteor Alert <meteor@skypub.com>
>Subject: AstroAlert: Meteor Shower to Welcome 2001
>Sender: owner-meteor@skypub.com
>
>One of the strongest annual meteor showers will peak over North America
>during the morning hours of Wednesday January 3, 2001. The Quadrantid
>meteor shower has the capability to produce 100 meteors per hour at the
>time of maximum activity if viewed from dark rural sites away from any
>sources of light pollution. The name "Quadrantid" is derived from the
>obsolete constellation of Quadrans Muralis. It is actually located in a
>remote region of the sky near the intersections of Draco, Bootes,
>Hercules, and Ursa Major. Gary Kronk has provided a finder chart for the
>radiant at:
>
>http://comets.amsmeteors.org/meteors/showers/quadrantids.html
>
>The tricky part of watching for the Quadrantids is that the radiant must
>be high in the sky at the time of maximum activity to see this display
>at its best. Maximum activity only lasts 2 hours so only a small portion
>of the earth can see this shower at its best any one year. If that area
>happens to be cloudy, which is quite possible during this time of year,
>then no one sees high rates. Most observers have to settle for rates
>climbing toward maximum or falling from maximum activity. These rates
>are generally 25-50 per hour.
>
>So when is the best time? The maximum is predicted to occur near 12:00
>Universal Time on January 3. This corresponds to 7 am Eastern Standard
>Time and 4 am Pacific Standard Time. The east coast of North America
>will be in bright morning twilight at this time and may miss the best
>rates. The east coast should still see impressive rates rivaling the
>Perseids and Geminids just before the onset of morning twilight. Those
>located in the midwest and onward toward the Pacific will have a better
>chance to witness the maximum activity in dark skies. Western Canada,
>Alaska, and northwestern Mexico are favored too.
>
>I would suggest that serious observers set up an hour or two in advance
>of maximum activity. Set up in a lawn chair with plenty of blankets. The
>advantage of setting up early is that you could see a trickle of
>activity turn into a torrent of meteors of varying magnitudes. The
>longer one watches the better the chances of witnessing a Quadrantid
>fireball, a meteor that matches of exceeds the brightness of the planet
>Venus. My brightest Quadrantid fireball occurred in 1981 when a -10
>Quadrantid shot high into the eastern sky and left a 4 minute persistent
>train. This fireball was bright enough to cast shadows and rivaled the
>full moon. Those who just wish to peek at the display should watch near
>the time of maximum activity. Do not stand out in the cold straining
>your neck and expect to any activity. One needs to be comfortable
>whether you are out for 15 minutes or several hours.
>
>The radiant lies low in the northwest at dusk and then low in the north
>during the late evening hours. Only after midnight does it begin to gain
>sufficient altitude to produce significant activity. It is best placed
>high in the northeastern sky before the onset of morning twilight. It is
>during these hours that one should maximize their efforts. I would
>suggest facing anywhere from due north to due east to see the most

>activity. Be sure to look upward at least halfway so that the horizon
>does not block any of your field of view. On the other hand there is no
>need to look straight up as more activity is seen a bit lower in the sky
>through the thicker portions of the atmosphere.
>
>Sky & Telescope and all of the meteor groups and societies in the USA
>and abroad are interested in your Quadrantid counts. The basic
>information needed is your location, the time you watched, the number of
>Quadrantids seen, the number of other meteors seen, and the sky
>conditions (clouds, limiting magnitude). You may also try to estimate
>the brightness of each meteor by comparing it to stars of a known
>magnitude. Reports can be sent to me at: lunro.imo.usa@home.com and to
>Sky & Telescope at: observers@skypub.com
>
>For more information on observing meteors visit the Sky & Telescope Web
>Pages at: http://www.skypub.com/sights/meteors/meteorwatch.html
>Although this page is focussed on the Leonid shower it offers many good
>tips that can be used during any meteor watch.
>
>A weekly preview of meteor activity is also published each Thursday at:
>http://www.amsmeteors.org/lunsford/
>
>Clear Skies!
>
>Robert Lunsford
>
>Secretary General of the International Meteor Organization
>Visual Meteor Program Coordinator of the American Meteor Society
>Coordinator of the Meteors Section of the Association of Lunar and
>Planetary Observers
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183. [propnet] Re: mode?

From: "RWeinkauf" <rweinkauf@msn.com>
Date: Thu, 28 Dec 2000 11:35:01 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126701-2000.12.28-10.47.19--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I'll try to figure out how to cut
> off the transmitter and just listen from here for now on 147 MHZ.

Wayne, with your KPC-3(+) you can issue the command:

XMITOK OFF

and the TNC will not transmit.

Rich

_____
Rich Weinkauf, N8QLT
Cruise Missile Coordinates: 42d 28.05'N 083d 22.87'W
HummerID 97.5 Fly Yellow Wagon
1971 Kaiser M35A2 ** MVPA #20486
Load Warrior Website http://msnhomepages.talkcity.com/Terminus/loadwarrior/
M35 Cool Stuff Site   http://www.highprofilevehicles.com
_____

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184. [propnet] MS Listening only!

From: "Wayne Colliander" <wcolliander@earthlink.net>
Date: Thu, 28 Dec 2000 11:31:15 -0800
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126783-2000.12.28-13.43.38--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A note for anyone wishing to particapate in the listen only mode, (bummer mode) ha,ha.
After invoking the "XMITOK OFF" command, and entering this command into the "setup" drop box, "KISS" window in command line #4, the TNC will still transmit if the "Meteor" mode is selected. I tested this on the APRS net frequency to verify. It seams the only way to insure you don't tranmit any packets is to insure METEOR mode is not checked.
My main point is DO NOT check the METEOR mode when listening only.
My setup is usung a Kantronics KPC3 plus.
Wayne
KE6AJE

185. [propnet] Re: Technical reasons for FM versus SSB for meteor scatter?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Thu, 28 Dec 2000 15:49:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126798-2000.12.28-16.06.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >At present, all BEACONet operations use the FM mode.
> >SSB would require quite exact tuning (within 100-hz)
> > which is difficult to accomplish if you can't hear
> >the DX station :o).
>
> Ok, there would be an unknown frequency offset when
> using SSB, but a soundcard running some simple DSP
> software on the host computer could easily determine
> the frequency error. This isn't hard.

Doug, beleive me when I say, "If you write it, we will use it". :o) It may seem simple enough to write, but until it exists, we have little choice but to continue to move forward with using FM. (which works, btw)

Ev, W2EV

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186. [propnet] Re: MS Listening only!

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Thu, 28 Dec 2000 14:57:01 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126858-2000.12.28-22.57.04--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:31 AM 12/28/00 -0800, Wayne Colliander blasted the following out into the ether:
>A note for anyone wishing to particapate in the listen only mode, (bummer
>mode) ha,ha.
>After invoking the "XMITOK OFF" command, and entering this command into
>the "setup" drop box, "KISS" window in command line #4, the TNC will still
>transmit if the "Meteor" mode is selected. I tested this on the APRS net
>frequency to verify. It seams the only way to insure you don't tranmit
>any packets is to insure METEOR mode is not checked.

      Just unplug the mic (or data) cable...

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

187. [propnet] Long-range on 144.39

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 29 Dec 2000 08:42:26 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126915-2000.12.29-09.55.48--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Check out what I received this morning --

>10:34:21R
>DECATU>APRS,CLRMRE*,DRUMRT*,WB5KRH-5*,WS5R-3*,KC5MVZ-3*,KC5MVZ-2*,KD5JTM-4*
>,TRACE7* Port=1 <UI Len=58>:
>!3618.35NN09427.31W#PHG5360/KD5DGT-3/W-R-T kd5dgt@qsl.net

It appears I heard this one through CLRMRE is in Claremore, Oklahoma, 450 miles from here. However, the * is beside EVERY station in the digi route. What the heck does THAT mean???

If I heard KD5JTM-4 instead of CLRMRE, that a hop of only 83 miles, much more believable, but that packet really puzzles me...

7 3
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

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188. [propnet] Change of plans

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Fri, 29 Dec 2000 11:20:37 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126930-2000.12.29-13.19.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Due to an unforeseen incident, I can now operate meteor scatter mode on 2 meters as well as 6 meters over the next few days.

My home TNC died last week, so I thought I was off 2 meters for a while, but the new chip for my Phoenix SX came in yesterday, and it includes 147.585. This is the rig I normally use in my car as a tracker, but I believe I'll let it run on meteor mode for the next couple of days.

Oops! Just found that I can only run meteor mode on ONE port in UI-View32. Now what do I do? I guess I'll run it on 2 meters, and keep 6 meters as listen-only, unless someone has some other suggestions. Roger?

Now -- I'm using a KPC-3, and I believe the ROM is version 5.1. What setting should I put in the TNC? I'm already using KISS mode, to allow WinAPRS and UI-View32 to use the same rigs, so...

Thanks,
Earl

Earl Needham, KD5XB mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath, you breathe...)

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189. [propnet] Re: Change of plans

From: Jerry Flanders <jflanders2@home.com>
Date: Fri, 29 Dec 2000 14:25:35 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126933-2000.12.29-13.37.10--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:20 AM 12/29/00 -0700, Earl Needham wrote:
>
>
>   Oops! Just found that I can only run meteor mode on ONE port in
>UI-View32. Now what do I do? I guess I'll run it on 2 meters, and keep 6
>meters as listen-only, unless someone has some other suggestions. Roger?
>

Just a thought - See if you can run two copies of UI-View simultaneously.

Jerry W4UK

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190. [propnet] Re: Change of plans

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 29 Dec 2000 19:57:08 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126939-2000.12.29-14.09.37--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-126933-2000.12.29-13.37.10--roger#peaksys.co.uk@lis
ts.tapr.org>, Jerry Flanders <jflanders2@home.com> writes
>At 11:20 AM 12/29/00 -0700, Earl Needham wrote:
>>
>>
>>   Oops! Just found that I can only run meteor mode on ONE port in
>>UI-View32. Now what do I do? I guess I'll run it on 2 meters, and keep 6
>>meters as listen-only, unless someone has some other suggestions. Roger?
>>
>
>Just a thought - See if you can run two copies of UI-View simultaneously.

1. Install them in separate folders. (Full install, don't try copying
from one folder to another.)

2. Edit the command line in the program icon Properties and add "/multi"
to the end of it, so for UI-View32 it will typically read -
"C:\Program Files\Peak Systems\UI-View32\Uiview32.exe" /multi
and for UI-View - C:\UI-VIEW\UIVIEW.EXE /multi

I've used it at shows, with Win98 running two monitors and a copy of the
program running on each monitor, both using AGWPE and communicating with
each other via an AGWPE loop-back port.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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191. [propnet] Millennium Meteors

From: blitz <blitz@macronet.net>
Date: Fri, 29 Dec 2000 18:29:54 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-126966-2000.12.29-17.42.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>NASA Science News for December 29, 2000
>
>One of the most intense annual meteor showers, the Quadrantids, will peak
over North America on January 3, 2001. Observers in western parts of
Canada, the USA and Mexico could see an impressive outburst of shooting
stars, numbering as many as 100 per hour.
>
>FULL STORY at
>
>http://science.nasa.gov/headlines/y2000/ast29dec_1.htm?list41644
>---

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192. [propnet] The "*" by each call thing

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 30 Dec 2000 06:51:38 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127062-2000.12.30-06.05.18--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl Needham wrote:
> Check out what I received this morning --
> >10:34:21R
> >DECATU>APRS,CLRMRE*,DRUMRT*,WB5KRH-5*,WS5R-3*,
> >KC5MVZ-3*,KC5MVZ-2*,KD5JTM-4*,TRACE7* Port=1 <UI
> >Len=58>:!3618.35NN09427.31W#PHG5360/KD5DGT-3/W-R-
> >T kd5dgt@qsl.net
<snip>
> >However, the * is beside EVERY station in the digi
> >route. What the heck does THAT mean???

It's a UI-View thing. Maybe Roger could clarify? I
wondered about this myself.
Ev

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193. [propnet] Re: The "*" by each call thing

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 30 Dec 2000 13:20:20 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127068-2000.12.30-07.33.36--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-127062-2000.12.30-06.05.18--roger#peaksys.co.uk@lis
ts.tapr.org>, Ev Tupis (W2EV) <propnet@greeceny.com> writes
>Earl Needham wrote:
>> Check out what I received this morning --
>> >10:34:21R
>> >DECATU>APRS,CLRMRE*,DRUMRT*,WB5KRH-5*,WS5R-3*,
>> >KC5MVZ-3*,KC5MVZ-2*,KD5JTM-4*,TRACE7* Port=1 <UI
>> >Len=58>:!3618.35NN09427.31W#PHG5360/KD5DGT-3/W-R-
>> >T kd5dgt@qsl.net
><snip>
>> >However, the * is beside EVERY station in the digi
>> >route. What the heck does THAT mean???
>
>It's a UI-View thing. Maybe Roger could clarify? I
>wondered about this myself.

Here's some explanation:-

First of all, to avoid possible confusion, you're only going to see that
if you're using UI-View in KISS, AGWPE or BPQ mode.

The '*' against a digi in a decoded frame header means that the digi has
been used, or, in technical terms, the 'H' bit of the digi address field
in the frame header is set.

TNC2 clones and Kantronics TNC only show the last '*', and it has become
to be regarded as denoting the digi you heard. That is actually not a
very clever thing to do, because it can mask problems such as digis
repeating frames when they shouldn't.

In the UK a host mode system called "BPQ", written by G8BPQ, is very
popular. Virtually every node and mailbox here, and many non-mailbox
systems, use BPQ, and I used it for many years in my packet activities.
BPQ shows all the '*'s in its display of a decoded frame header, and so,
when I put the raw AX25 frame decoding into UI-View, I made the display
compatible with BPQ.

So the above frame started out as -
DECATU>APRS,TRACE7-7
and has been digipeated by CLRMRE, DRUMRT, WB5KRH-5, WS5R-3, KC5MVZ-3,
KC5MVZ-2 and finally KD5JTM-4.

When KD5JTM-4 digipeated it, his system then correctly se the 'H' bit of

the TRACE7(-0), to show that it has been used up.

If you monitored it with a TNC2 clone, only the '*' on TRACE7 would be
displayed.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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194. [propnet] Re: Change of plans

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 30 Dec 2000 06:59:38 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127120-2000.12.30-08.34.46--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:57 PM 12/29/00 +0000, Roger Barker blasted the following out into the
ether:
><snip>
>1. Install them in separate folders. (Full install, don't try copying
>from one folder to another.)
>
>2. Edit the command line in the program icon Properties and add "/multi"
>to the end of it, so for UI-View32 it will typically read -
>"C:\Program Files\Peak Systems\UI-View32\Uiview32.exe" /multi
>and for UI-View - C:\UI-VIEW\UIVIEW.EXE /multi

      I'm getting that going now, but is there any possibility of adding a
port in the MS setup so only one copy would need to run?

      Thanks,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

195. [propnet] January Quads: Last big one?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 30 Dec 2000 10:58:24 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127126-2000.12.30-10.08.09--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While there are plenty of showers scattered throughout the
year, the January Quads are probably the last of the "big
ones" until the Perseids in the late summer.

Be sure to register your intent to play on
http://go.to/METEORegistry. So far, only 11 registrants
(not suprising, given the Perseids and Leonids are the big
boys).

I'll be playing on both 2-meters (147.585) and 135cm
(223.780).

Ev, W2EV

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

196. [propnet] Re: Change of plans

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 30 Dec 2000 15:25:08 +0000

To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127137-2000.12.30-11.10.33--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-127120-2000.12.30-08.34.46--roger#peaksys.co.uk@lis
ts.tapr.org>, Earl Needham <KD5XB@AMSAT.ORG> writes
>At 07:57 PM 12/29/00 +0000, Roger Barker blasted the following out into the
>ether:
>><snip>
>>1. Install them in separate folders. (Full install, don't try copying
>>from one folder to another.)
>>
>>2. Edit the command line in the program icon Properties and add "/multi"
>>to the end of it, so for UI-View32 it will typically read -
>>"C:\Program Files\Peak Systems\UI-View32\Uiview32.exe" /multi
>>and for UI-View - C:\UI-VIEW\UIVIEW.EXE /multi
>
>   I'm getting that going now, but is there any possibility of adding a
>port in the MS setup so only one copy would need to run?

In the future yes. However, one advantage of running two copies is that
you easily keep the bands separate.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

197. [propnet] Re: January Quads: Last big one?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 30 Dec 2000 10:12:36 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127140-2000.12.30-11.40.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:58 AM 12/30/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
>While there are plenty of showers scattered throughout the
>year, the January Quads are probably the last of the "big
>ones" until the Perseids in the late summer.
>
>Be sure to register your intent to play on
>http://go.to/METEORegistry. So far, only 11 registrants
>(not suprising, given the Perseids and Leonids are the big
>boys).

     I had thought that this list would be the place to let everyone know,
however, I'm going to the above site to register now.

     I'll be active with an omni at about 20 feet on both 147.585 (60+
watts) and 53.530 (10 watts) (same antenna for both bands). Hope to at
least HEAR something.

     7 3
     Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

198. [propnet] Re: The "*" by each call thing

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 30 Dec 2000 12:14:02 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127148-2000.12.30-12.28.12--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI & FWIW

> TNC2 clones and Kantronics TNC only show the last '*', and it has become
> to be regarded as denoting the digi you heard. That is actually not a
> very clever thing to do, because it can mask problems such as digis
> repeating frames when they shouldn't.

Implementing the latest firmware in the TNC2 clones should prevent
the looping condition. The digi knows what is digipeated so that the
same UI packet is not digipeated by the same digi. I cannot speak for
Kantronics, but the latest Paccomm firmware v5.0 has this feature
imbedded to prevent looping. However, you must make sure the
feature is activated in the settings.

The UIDIGI firmware for the TNC2 clones also implements UI looping
prevention. This is a digipeater firmware that will plug and play in most
TNC2 compatible units. We use it here in the local Huntsville area
as an APRS digipeater application and it works quite well.

These things all point to why I like the TNC2 clones so well. There are
many options available when it comes to application specific firmware
and your hands are not tied to the original manufacturer as the sole
provider. Power consumption on the other hand is an entirely different
topic.

As in most cases, there are multiple standards that complicate the
issue around the globe.

> In the UK a host mode system called "BPQ", written by G8BPQ, is very
> popular. Virtually every node and mailbox here, and many non-mailbox
> systems, use BPQ, and I used it for many years in my packet activities.
> BPQ shows all the '*'s in its display of a decoded frame header, and so,
> when I put the raw AX25 frame decoding into UI-View, I made the display
> compatible with BPQ.

BPQ is quite popular in the states among FBB BBS systems. A BBS
user would not necessarily use BPQ unless they have a special
application.

For a large percentage of UI digi applications in the states, I believe the
single '*' asterisk added the latest digipeated packet is the most popular.
It does not mean it cannot be done differently on the BEACONet as far
as it is understood.

The beauty of KISS interface allows us to work around firmware in
in the TNC at the cost of a computer being required to run the TNC
functions. For compatibility on the BEACONet, I would suggest we use
the KISS feature to maintain compatibility between systems. This
way we can work around the nuances of the TNC firmware issues
and not be bound by them.

73's,

Tim - N8DEU
Huntsville, Alabama

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To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

199. [propnet] Re: The "*" by each call thing

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 30 Dec 2000 20:15:36 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127158-2000.12.30-14.28.29--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-127148-2000.12.30-12.28.12--roger#peaksys.co.uk@lis
ts.tapr.org>, Tim Cunningham <tim_cunningham@mindspring.com> writes
>
>FYI & FWIW

>
>
>> TNC2 clones and Kantronics TNC only show the last '*', and it has become
>> to be regarded as denoting the digi you heard. That is actually not a
>> very clever thing to do, because it can mask problems such as digis
>> repeating frames when they shouldn't.
>
>Implementing the latest firmware in the TNC2 clones should prevent
>the looping condition. The digi knows what is digipeated so that the
>same UI packet is not digipeated by the same digi. I cannot speak for
>Kantronics, but the latest Paccomm firmware v5.0 has this feature
>imbedded to prevent looping. However, you must make sure the
>feature is activated in the settings.
Etc...

Just to clarify - My comments related to nothing other than how a
decoded frame is displayed. The contents of the received frame are
exactly the same, whether a TNC2 clone displays it as -
G4IDE>APRS,DIGI1,DIGI2,DIGI3*
or UI-View displays it as -
G4IDE>APRS,DIGI1*,DIGI2*,DIGI3*
In other words, the difference is purely cosmetic.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

200. [propnet] Re: The "*" by each call thing

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sat, 30 Dec 2000 15:25:52 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127169-2000.12.30-15.40.06--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Just to clarify - My comments related to nothing other than how a
> decoded frame is displayed. The contents of the received frame are
> exactly the same, whether a TNC2 clone displays it as -
> G4IDE>APRS,DIGI1,DIGI2,DIGI3*
> or UI-View displays it as -
> G4IDE>APRS,DIGI1*,DIGI2*,DIGI3*
> In other words, the difference is purely cosmetic.

True, if you look at it in terms of cosmetics and what the TNC displays
from the constraints of its internal firmware. In any event, the software
can alter what is displayed whether you use the TNC firmware or the
KISS interface. I was neither agreeing or disagreeing, just simply
adding some fuel to the think tank.

Sorry, but I think I added some confusion to your post. My mind always
thinks 25 steps ahead, but my fingers do not. When dealing with multiple
types of TNC's I find it much easier to deal with the KISS interface
than being bound by the TNC firmware or multiple flavors of it.

Cheers,
Tim - N8DEU

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201. [propnet] Re: January Quads: Last big one?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 30 Dec 2000 10:15:13 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127255-2000.12.30-19.40.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:58 AM 12/30/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>Be sure to register your intent to play on

>http://go.to/METEORegistry. So far, only 11 registrants
>(not suprising, given the Perseids and Leonids are the big
>boys).

      Too bad that site assumes only ONE band and won't let you put in info
on 2 bands.

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
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202. [propnet] Confused

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sat, 30 Dec 2000 10:43:14 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127256-2000.12.30-19.41.02--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I'll admit it -- I was too busy to pay enough attention to the CQ
Field discussion a week or three ago. So --

      What should I be sending for MS packets? I can set DM84jk as the
UNPROTO-TO field, with something else in the body of the packet, or I can
set DM84jk in the body of the packet with CQ147 or CQ54 in the UNPROTO-TO
field. Which is today's "standard"? Or is it something else entirely?

      Thanks,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

203. [propnet] Re: Confused

From: "Wm Seffens" <wseffens@mediaone.net>
Date: Sat, 30 Dec 2000 20:53:39 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127258-2000.12.30-20.06.39--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earl,

use CQ53-3 when you are pointed toward the folks in Georgia. i am using
CQ53-9 pointed at you, and CQ147-1 pointed toward the frozen New England.
just like the clock

Respectively submitted,

Wm Seffens

Where is Bill by GPS location using HAM radio on 144.390 MHz: Try
www.findu.com/cgi-bin/find.cgi?kg4eyo
HAM station KG4EYO on Atlanta map: www.wa4dsy.net/aprs/ga-atl.html

----- Original Message -----
From: Earl Needham <KD5XB@AMSAT.ORG>
To: TAPR APRS PropNet Discussion Group <propnet@lists.tapr.org>
Sent: Saturday, December 30, 2000 12:43 PM
Subject: [propnet] Confused

>
>   OK, I'll admit it -- I was too busy to pay enough attention to the
CQ
> Field discussion a week or three ago. So --
>
>   What should I be sending for MS packets? I can set DM84jk as the
> UNPROTO-TO field, with something else in the body of the packet, or I can
> set DM84jk in the body of the packet with CQ147 or CQ54 in the UNPROTO-TO
> field. Which is today's "standard"? Or is it something else entirely?
>
>   Thanks,
>   Earl
>
>
> Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
> Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)
>
> Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
> you breathe...)
>
>
> ---
> You are currently subscribed to propnet as: seffens@netzero.net
> To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org
>
>

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

204. [propnet] RX-only BEACONet operation

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 30 Dec 2000 20:59:28 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127299-2000.12.31-06.40.25--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jerry Flanders wrote:
>
> At some point in our evolution, we should provide
> for and encourage SWL participation, and not just
> assume that _everybody_ will be transmitting.

Jerry,
Excellent point! A couple of years ago, this was identified
as "Lurker Class". The problem was...at the time, UI-View
didn't exist and AGWPE was too immature of a product to use
with any replication. That meant that even Lurker Class
stations needed TNC's.

Fast forward to today. We can now use soundcards, AGWPE and
UI-View. What a perfect combination for Lurker Class
stations!

If someone is willing to writeup a step-by-step instruction
sheet on setting up an AGWPE/soundcard/scanner (no need for
a transceiver) based Lurker Class station, I will be happy
to not only post it to the BEACONet website, but I'll even
evangelize it to a few non-ham publications! Obviously,
proper credit will be given for the effort. How's that for
a deal?

Three requirements:
1. Make it simple
2. Make it step-by-step (a la Heathkit instructions)
3. Make it complete (A-Z) assume nothing

Anyone up to the challenge?

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org

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205. [propnet] Re: The "*" by each call thing

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sat, 30 Dec 2000 21:35:42 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127300-2000.12.31-06.40.49--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim noted...
> When dealing with multiple types of TNC's I find it
> much easier to deal with the KISS interface than
> being bound by the TNC firmware or multiple flavors
> of it.

To which I say . . .
Bravo! This is the major advantage of KISS...ubiquity.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

206. [propnet] Re: Confused

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 31 Dec 2000 08:03:21 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127303-2000.12.31-07.45.59--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Earl,
Here's the scoop (for now) <g> ...

Transmit packets should be formatted like this:
CALLSIGN>CQ###-D:[GR##ID]
                ^   ^ The brackets are required
               ^ Antenna direction (by way of the clock)
                 with -15 as omnidirectional, -13&-14 are
                 unused and "nothing" or -0 means
                 "undisclosed"
           ^^^ Frequency of operation (53, 147 or 223 for
               now)

So...for our favorite Clovis, NM station :o) . . .
KD5XB>CQ53-15:[DM84JK]   <-For when you're on the omni
KD5XB>CQ53-3:[DM84JK]   <-For the moonbounce array :o)
                           aimed at Georgia

There is one caveat (one that you actually discovered - so
this is more for the benefit of others) . . . WinAPRS is not
written to behave correctly (according to the APRS
specification). It doesn't treat "CQ" to-fields as
wildcards (like other UI-programs do). Therefore WinAPRS
stations won't plot any received packets to the map, but
stations will appear in the Stations List.

WinAPRS-based stations are strongly encouraged to upgrade to
UI-View.

Ev, W2EV

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207. [propnet] Re: January Quads: Last big one?

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 31 Dec 2000 08:42:58 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127305-2000.12.31-07.52.30--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Too bad that site assumes only ONE band and
> won't let you put in info on 2 bands.

Yes, I agree...but it's maturing (and a labor of love by
someone who can't participate, but wanted to be supportive
of our efforts).

It may be possible to input more than one station by using a
different -SSID. You may want to try it. If/when someone
decodes your signal, they'll know what one you actually used
anyway. :o)

For the future, Rich (W9IF) is working on presenting a
different map for each band (right now all bands are
displayed on the same map). As it is...this is a super
resource, as it graphically shows "where the action is".
We're indebted to him for his work.

Ev, W2EV

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

208. [propnet] Re: Confused

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 31 Dec 2000 07:20:58 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127314-2000.12.31-08.33.32--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:03 AM 12/31/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>So...for our favorite Clovis, NM station :o) . . .
>KD5XB>CQ53-15:[DM84JK]   <-For when you're on the omni
>KD5XB>CQ53-3:[DM84JK]   <-For the moonbounce array :o)
>   aimed at Georgia

      Thanks for being so specific, Ev.

      One last question -- I've always seen the grid given as DM84jk, but
you have the last two letters in upper-case. Does it matter?

      7 3
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

209. [propnet] Re: Confused

From: "Ev Tupis (W2EV)" <propnet@greeceny.com>
Date: Sun, 31 Dec 2000 12:54:00 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127343-2000.12.31-12.06.26--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   One last question -- I've always seen the grid given as DM84jk, but
> you have the last two letters in upper-case. Does it matter?

The lower case designation is to keep things nice to the eye, and an
indication that those letters refer to a square that is not the same size as
the field (the DM in your case).

If used in the to-field, then it is not up to AX.25 spec, where I believe it
says that the values there must be alphanumeric and capitol. Since it is now
in the comment area, AX.25 doesn't care. The question is if UI-View cares.
My gut tells me it does not. Maybe Roger could chime in and let us know for
sure.

Ev

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

210. [propnet] Re: Confused

From: Roger Barker <roger@peaksys.co.uk>
Date: Sun, 31 Dec 2000 18:25:25 +0000
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127345-2000.12.31-12.38.34--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR18754-127343-2000.12.31-12.06.26--roger#peaksys.co.uk@lis
ts.tapr.org>, Ev Tupis (W2EV) <propnet@greeceny.com> writes
>>   One last question -- I've always seen the grid given as DM84jk, but
>> you have the last two letters in upper-case. Does it matter?
>
>The lower case designation is to keep things nice to the eye, and an
>indication that those letters refer to a square that is not the same size as
>the field (the DM in your case).
>
>If used in the to-field, then it is not up to AX.25 spec, where I believe it
>says that the values there must be alphanumeric and capitol. Since it is now
>in the comment area, AX.25 doesn't care. The question is if UI-View cares.
>My gut tells me it does not. Maybe Roger could chime in and let us know for
>sure.

UI-View doesn't care, but the APRS spec says:-

****
Status Report with
Maidenhead Grid
Locator

The Maidenhead grid locator may be 4 or 6 characters long, and must
immediately follow the > Data Type Identifier.
All letters must be transmitted in upper case. Letters may be received
in upper case or lower case.
****

(If you must transmit upper case, I don't really see how anyone is ever
going to receive lower case, but I'm probably missing something...)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to propnet as: lyris.propnet@tapr.org
To unsubscribe send a blank email to leave-propnet-1548K@lists.tapr.org

211. [propnet] Re: January Quads: Last big one?

From: Earl Needham <KD5XB@AMSAT.ORG>
Date: Sun, 31 Dec 2000 07:29:16 -0700
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127353-2000.12.31-14.28.14--lyris.propnet#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:42 AM 12/31/00 -0500, Ev Tupis (W2EV) blasted the following out into
the ether:
><snip>
>It may be possible to input more than one station by using a
>different -SSID. You may want to try it. If/when someone
>decodes your signal, they'll know what one you actually used
>anyway. :o)

      Looks like that's the way to do this. It showed up right
away. KD5XB is on 2 meters, and KD5XB-6 is on 6 meters.

      Actually, they're both on both bands, just that KD5XB is in meteor
scatter mode on 2 meters, and KD5XB-6 is in meteor scatter mode on 6 meters.

      Thanks,
      Earl

Earl Needham, KD5XB   mailto:KD5XB@AMSAT.ORG
Clovis, New Mexico   DM84jk N34d 25.446m W103d 12.700m (or so)

Pet peeve: breath is a noun, breathe is a verb (When you take a breath,
you breathe...)

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212. [propnet] Re: TNC Test Help, Please

From: "Tim Cunningham" <tim_cunningham@mindspring.com>
Date: Sun, 31 Dec 2000 14:25:40 -0600
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127354-2000.12.31-14.38.11--lyris.propnet#tapr.org@lists.tapr.org>
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> Thanks for the quick reply. If you have the opportunity to
> test these TNC's with UI-View's KISS mode, I'd be interested
> in the result. I agree that it ought to work fine, but I
> tend to err on the side of caution and would prefer to test
> - if possible - to be assured.

Hi Ev,

Sorry for the slow response, but I am sure the holidays have
taken most of our HAM radio time with the families.

I did try UI-View in the KISS mode and as expected it
transmitted the underscore in the call sigh TO field.
Since we have the TO SSID field containing the beam
heading at this point it probably does not matter. In any
case it supports the power of the KISS interface over
the multiple flavors of TNC firmware.

Happy New Year,

Tim - N8DEU

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213. [propnet] Re: RX-only BEACONet operation

From: Jerry Flanders <jflanders2@home.com>
Date: Sun, 31 Dec 2000 17:07:29 -0500
To: "TAPR APRS PropNet Discussion Group" <propnet@lists.tapr.org>
Message-ID: <LYR1548-127366-2000.12.31-16.18.56--lyris.propnet#tapr.org@lists.tapr.org>
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In addition to my conventional RX/TX station with a hardware TNC, I would
like to set up a SWL-class station here using AGWPE+UI-View with my
PCR-1000, which has its own dedicated 150 MHz computer/sound card setup. If
anyone is willing to try to start the instruction sheet Ev refers to below
I will test it out and try to fill in the inevitable "blind spots". I can
probably also supply the antenna info the SWL would need for Ev's
publication submission.

Anybody presently using AGWPE want to start me off? I have registered my
UI-View, but I believe this effort should assume the user will only have
the shareware demo version of UI-View available to start with.

Jerry W4UK

At 08:59 PM 12/30/00 -0500, you wrote:
>Jerry Flanders wrote:
>>
>> At some point in our evolution, we should provide
>> for and encourage SWL participation, and not just
>> assume that _everybody_ will be transmitting.

>
>Jerry,
>Excellent point! A couple of years ago, this was identified
>as "Lurker Class". The problem was...at the time, UI-View
>didn't exist and AGWPE was too immature of a product to use
>with any replication. That meant that even Lurker Class
>stations needed TNC's.
>
>Fast forward to today. We can now use soundcards, AGWPE and
>UI-View. What a perfect combination for Lurker Class
>stations!
>
>If someone is willing to writeup a step-by-step instruction
>sheet on setting up an AGWPE/soundcard/scanner (no need for
>a transceiver) based Lurker Class station, I will be happy
>to not only post it to the BEACONet website, but I'll even
>evangelize it to a few non-ham publications! Obviously,
>proper credit will be given for the effort. How's that for
>a deal?
>
>Three requirements:
>1. Make it simple
>2. Make it step-by-step (a la Heathkit instructions)
>3. Make it complete (A-Z) assume nothing
>
>Anyone up to the challenge?
>
>Ev, W2EV
>
>
>
>---
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